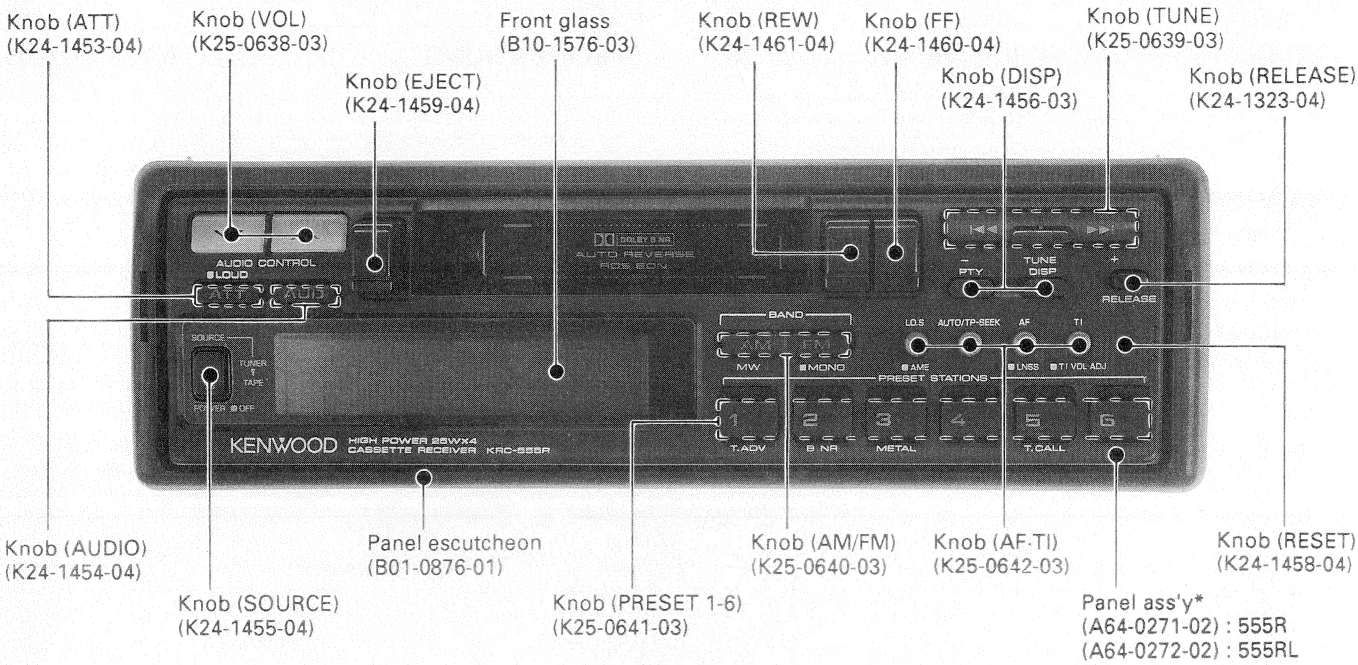
CASSETTE RECEIVER

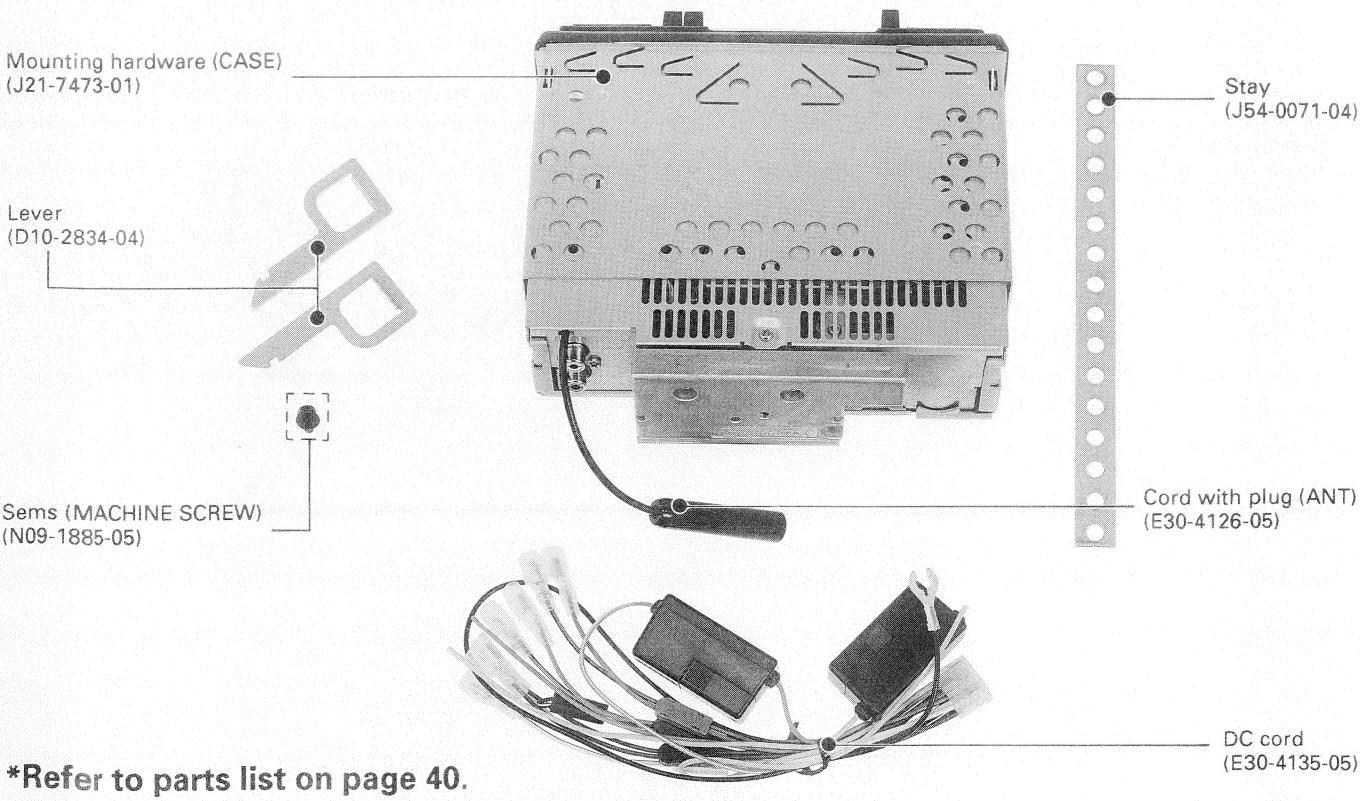
# KRC-555R/RL

## SERVICE MANUAL

KENWOOD


B51-6698-00( N ) 2260




***Refer to parts list on page 40.**

**Photo is KRC-555R.**

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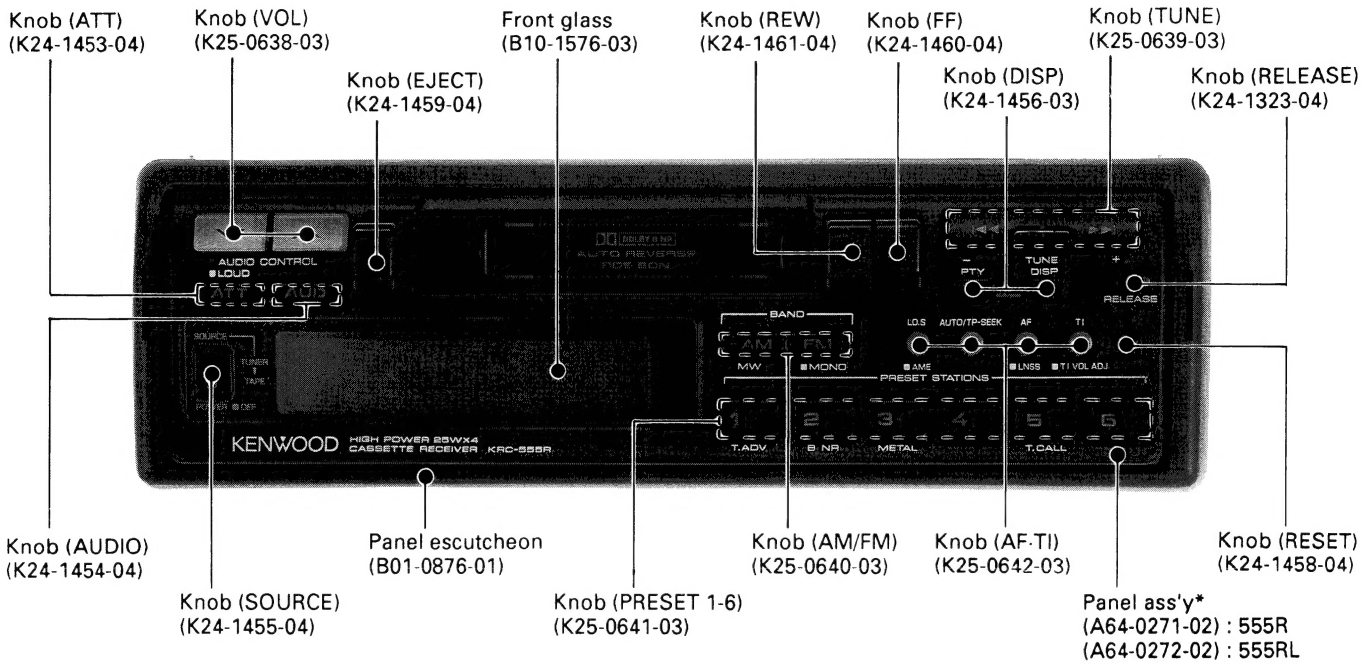
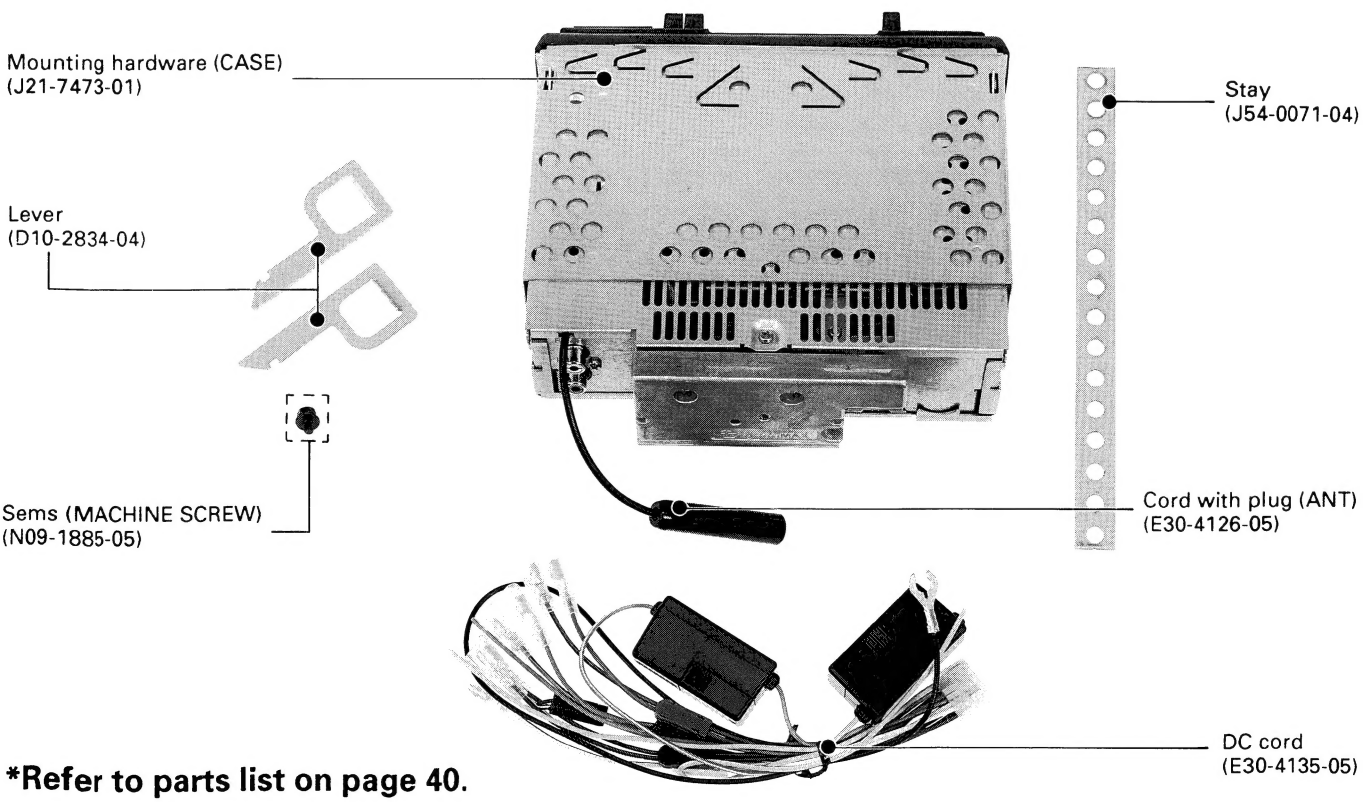
B51-6698-00( N )2260




***Refer to parts list on page 40.**

**Photo is KRC-555R.**

# KRC-555R/RL

## CONTENTS/DISASSEMBLY FOR REPAIR (MECHANISM)

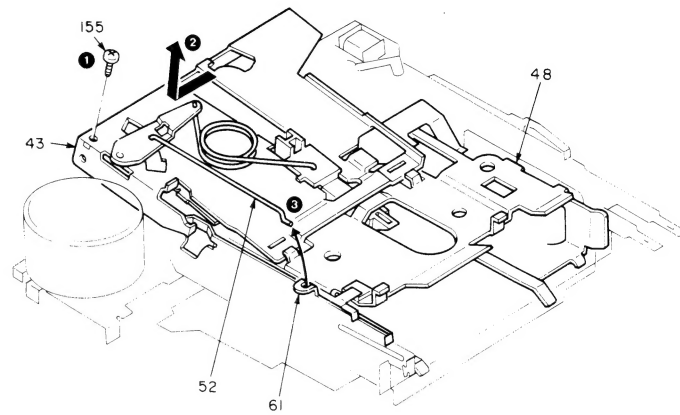
### CONTENTS



### DISASSEMBLY FOR REPAIR (MECHANISM)

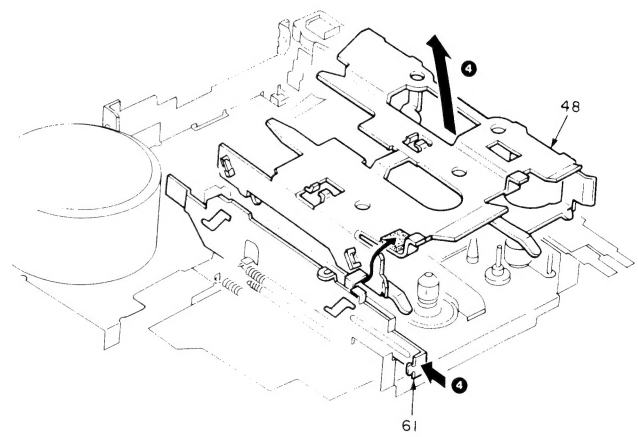
**REMOVAL NO1.**

1. Remove screw (155) ( ❶ ).
2. Rotate the lifter (43) to the left and lift it up to remove ( ❷ ).
3. Remove the rod (52) from the eject lever (61) ( ❸ ).




**REMOVAL NO2.**

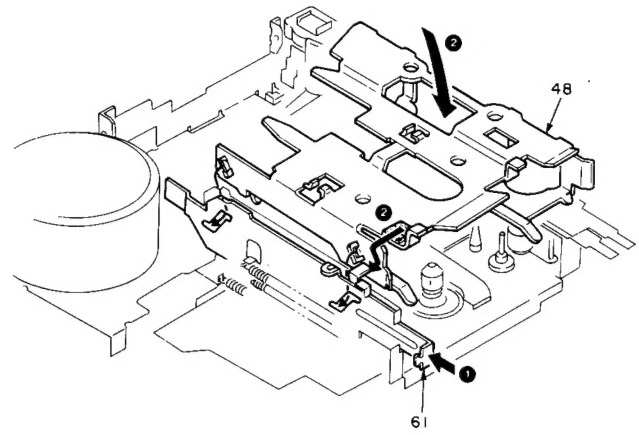
4. While pressing-in on the eject lever (61), remove the holder(48) ( ❹ ).



# DISASSEMBLY FOR REPAIR (MECHANISM)

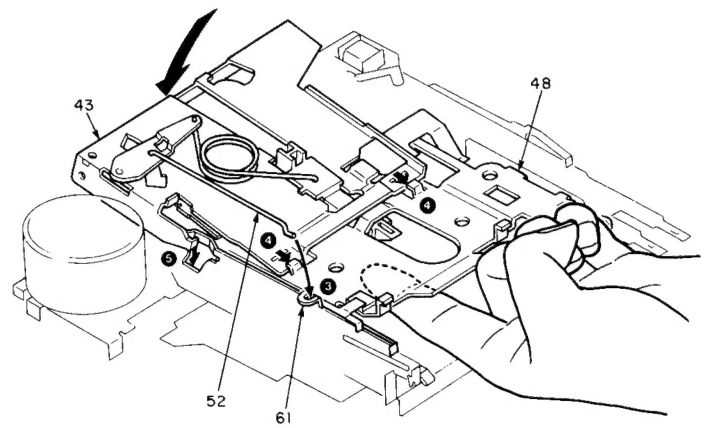
**SET UP NO1.**

1. While pressing-in on the eject lever (61) , attach the holder (48) ( ❶ ).
2. Insert the holder's (48) projecting tab into push plate's groove ( ❷ ).



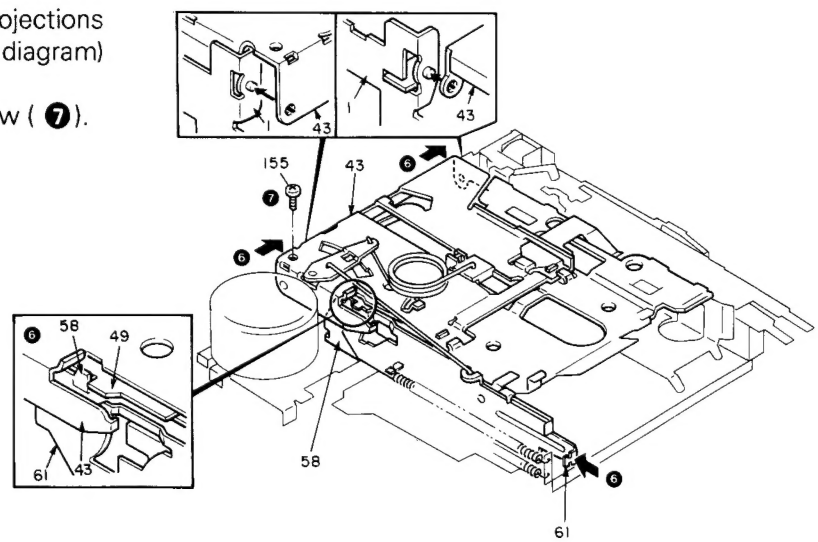

**SET UP NO2.**

3. Insert the rod (52) into the hole in the eject lever (61) ( ❸ ).
4. While lifting up the holder (48) , engage the lifter (43) ( ❹ ).
5. Move the lifter (43) down so that it aligns with the eject lever's (61) cut out ( ❺ ) section.



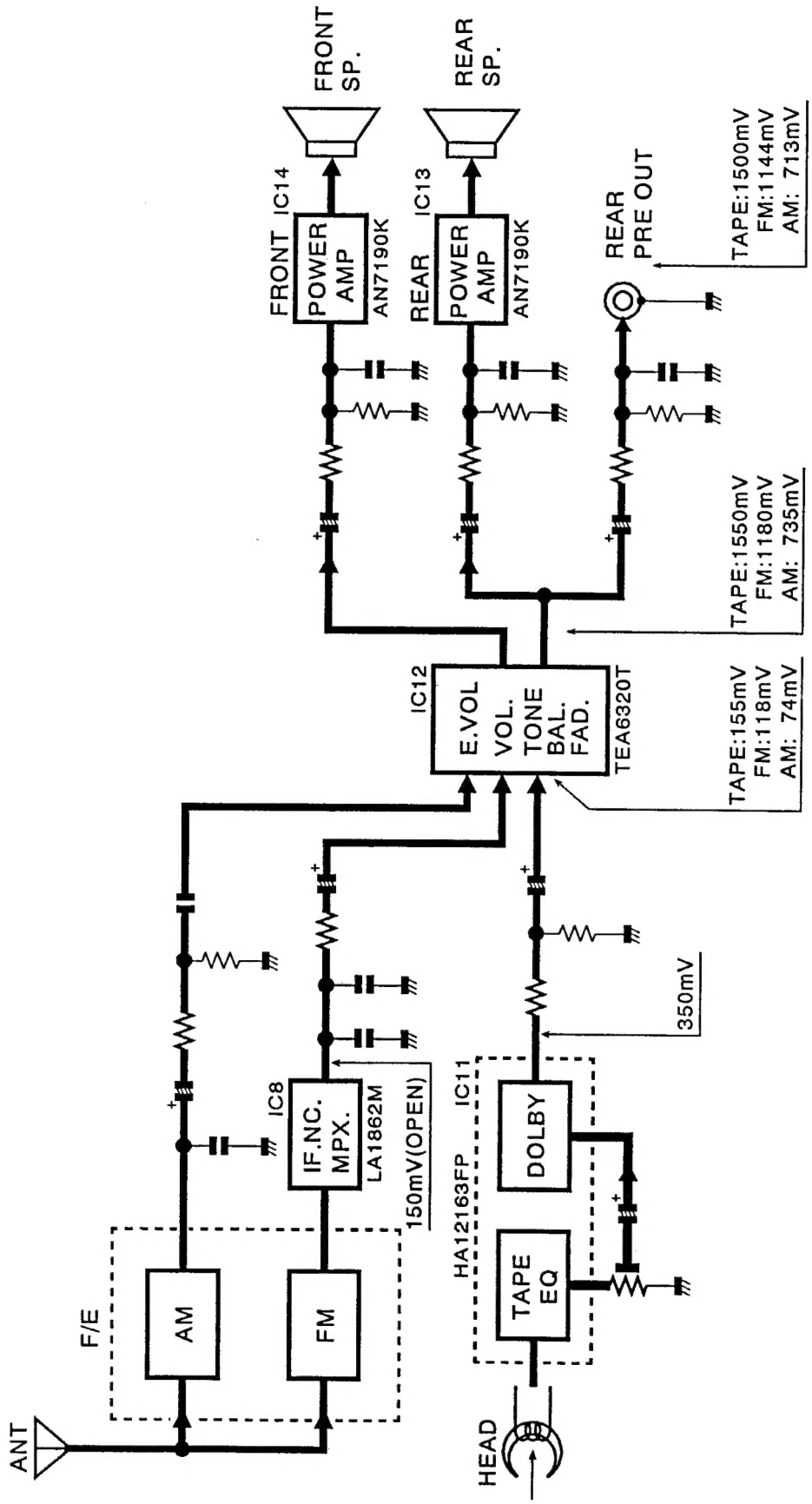

**SET UP NO3.**

6. Align the lifter (43) with the chassis (1) projections and move it to the right to engage (see diagram) ( ❻ )
7. Secure the assembly by attaching the screw ( ❼ ).



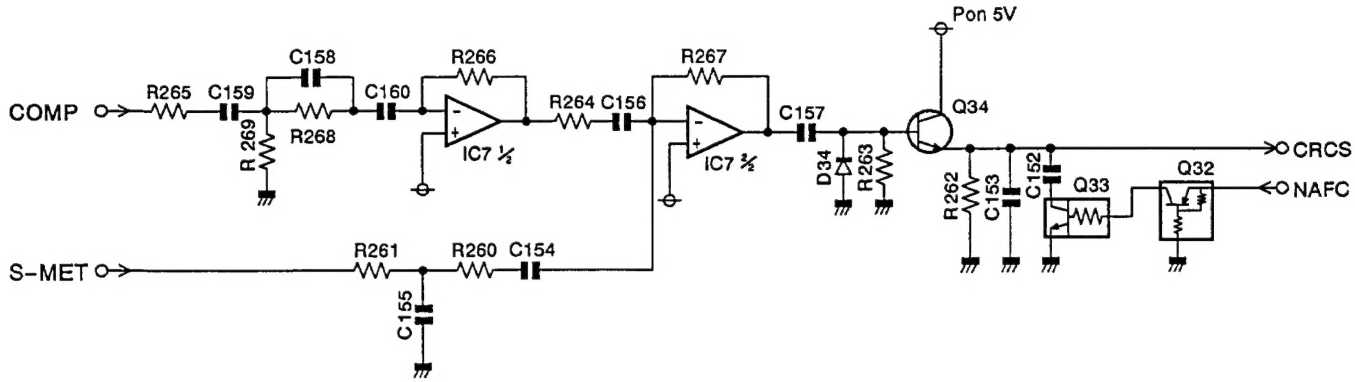
# KRC-555R/RL

## BLOCK DIAGRAM



# CIRCUIT DESCRIPTION

## Noise Detector Circuit




To achieve proper AF search while the RDS is in use, it is required to detect noise in the station being receiver and in search destinations. This circuit detects a noise quantity which is proportional to the noise felt by human audition so that a station with small noise, which cannot be identified simply from the S-meter level, can be searched.

The signals used for noise detection are the composite signal and S-meter signal. The S-meter is used because it helps detect relatively low noise components. The composite signal is supplied through a HPF to extract only the high-frequency noise component.

In the circuit diagram above, the part from the COMP input to the circuit using IC7 corresponds to the HPF. The S-meter signal is not supplied to HPF because a lower frequency component than the composite signal is to be used, and sent to IC7 (2/2) to be mixed with the high-frequency component of the composite signal.

The mixed signal turns Q34 ON/OFF and this data is sent to the μ-com. NAFC is the signal for switching the time constant of the output from Q34, and it is "L" during search (seek) and "H" during normal reception.

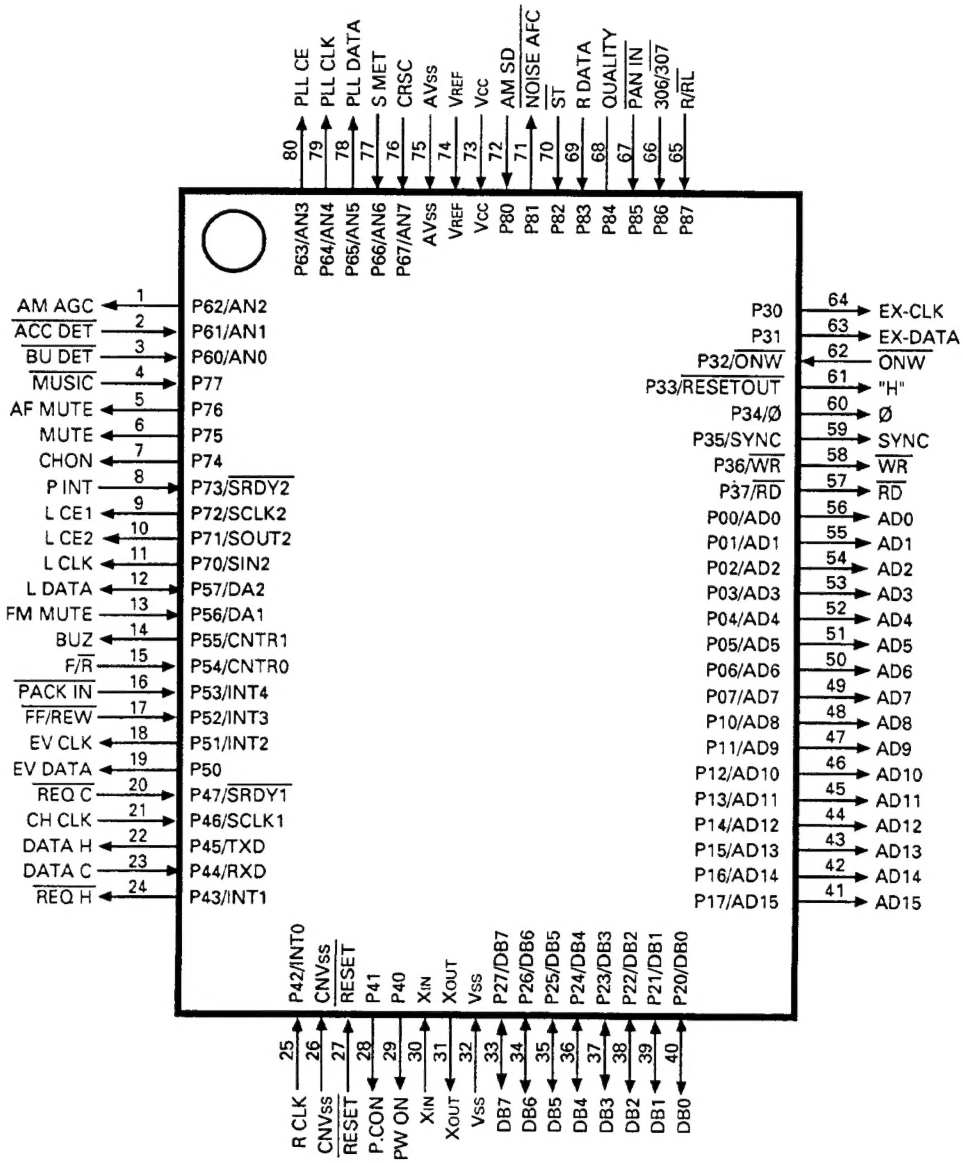
During normal reception, Q33 is turned ON to make C153 and C52 parallel so that the time constant is larger and search will not start with slight noise.

During search, the time constant is smaller because only C153 is active, so that the response to noise is made quicker to make high-speed search possible.

# CIRCUIT DESCRIPTION

## IC1 : M38067M8D123FP (X14-)

• **Pin connection**




• **Pin function**

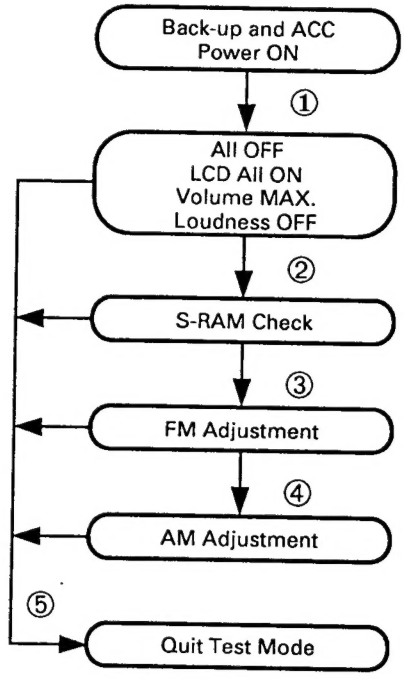
| No. | Port name | I/O | Signal name | Function | Active status |
|---|---|---|---|---|---|
| 1 | P62/AN2 | O | AM AGC | AM AGC | AM SEEK |
| 2 | P61/AN1 | I | ACC DET | ACC power supply | ACC OFF |
| 3 | P60/AN0 | I | BU DET | Back-up power supply | Back-up OFF |
| 4 | P77 | I | MUSIC | Music signal (Used for detection of blank between tunes) | Music detected |
| 5 | P76 | O | AF MUTE | Muting (Used in AF search) | |
| 6 | P75 | O | MUTE | Muting | |
| 7 | P74 | O | CHON | CD-CH ON | |
| 8 | P73/SRDY2 | I | P INT | LCD driver MSM6606 end of A key scan cycle | |
| 9 | P72/SCLK2 | O | L CE1 | LCD driver MSM6606 Latch | |
| 10 | P71/SOUT2 | O | L CE2 | LCD driver MSM6544 Latch | |

# CIRCUIT DESCRIPTION

| No. | Port name | I/O | Signal name | Function | Active status |
|---|---|---|---|---|---|
| 11 | P70/SIN2 | O | L CLK | LCD driver Clock | |
| 12 | P57/DA2 | I/O | L DATA | LCD driver Data | |
| 13 | P56/DA1 | I | FM MUTE | FM band muting | FM station detected |
| 14 | P55/CNTR1 | O | BUZ | Buzzer | |
| 15 | P54/CNTR0 | I | F/$\overline{R}$ | Tape direction Forward/Reverse | H=Forward |
| 16 | P53/INT4 | I | $\overline{PACK\ IN}$ | Tape pack in | Pack in |
| 17 | P52/INT3 | I | $\overline{FF/REW}$ | Tape fast winding (FF/REW) | FF/REW |
| 18 | P51/INT2 | O | EV CLK | Electronic Volume TEA6320 Clock | |
| 19 | P50 | O | EV DATA | Electronic Volume TEA6320 Data | |
| 20 | P47/$\overline{SRDY1}$ | I | $\overline{REQ\ C}$ | CD-CH Request CD-CH | |
| 21 | P46/SCLK1 | I | CH CLK | CD-CH CLOCK | |
| 22 | P45/TXD | O | DATA H | CD-CH Data Head unit | |
| 23 | P44/RXD | I | DATA C | CD-CH Data CD-CH | |
| 24 | P43/INT1 | O | $\overline{REQ\ H}$ | CD-CH Request Head unit | |
| 25 | P42/INT0 | I | R CLK | RDS Clock | |
| 26 | CNVss | I | CNVss | μ-com chip operation control mode switching | CNVss=GND |
| 27 | $\overline{RESET}$ | I | $\overline{RESET}$ | Hardware Reset | Active "L" |
| 28 | P41 | O | P.CON | Power control | |
| 29 | P40 | O | PW ON | Power ON +5V | |
| 30 | XIN | I | XIN | Clock input | |
| 31 | XOUT | O | XOUT | Clock output | |
| 32 | Vss | I | Vss | Power supply input | Vss=GND |
| 33~40 | P27/DB7~P20/DB0 | I/O | DB7~DB0 | S-RAM Data Bus 7~0 | |
| 41~48 | P17/AD15~P10/AD8 | O | AD15~AD8 | S-RAM Address 15~8 | |
| 49~56 | P07/AD7~P00/AD0 | O | AD7~AD0 | S-RAM Address 7~0 | |
| 57 | P37/$\overline{RD}$ | O | $\overline{RD}$ | S-RAM Read control | |
| 58 | P36/$\overline{WR}$ | O | $\overline{WR}$ | S-RAM Write control | |
| 59 | P35/SYNC | O | SYNC | Outputs "H" for 1 period of ø during op-code fetching. (Not used) | |
| 60 | P34/ø | O | ø | Internal system clock ø output. (Not used) | |
| 61 | P33/$\overline{RESETOUT}$ | O | "H" | Permanently outputs "H". (Not used) | |
| 62 | P32/$\overline{ONW}$ | I | $\overline{ONW}$ | Delays internal system clock ø by half. (Not used) | |
| 63 | P31 | O | EX DATA | Serial parallel Extension port IC Data | |
| 64 | P30 | O | EX CLK | Serial parallel Extension port IC Clock | |
| 65, 66 | P87, P86 | I | R/$\overline{RL}$, 306/$\overline{307}$ | Destination setting (Read only during reset-start). | L=RL, L=307 |
| 67 | P85 | I | $\overline{PAN\ IN}$ | Panel Attached/Detached | Panel attached |
| 68 | P84 | I | QUALITY | RDS Quality | |
| 69 | P83 | I | R DATA | RDS Data | |
| 70 | P82 | I | $\overline{ST}$ | FM Stereo/Mono | Stereo |
| 71 | P81 | O | $\overline{NOISE\ AFC}$ | RDS Noise AFC | |
| 72 | P80 | I | AM SD | AM SD | AM station detected |
| 73 | Vcc | I | Vcc | Power supply input | Vcc=+5V |
| 74 | VREF | I | VREF | Reference power for A/D converter. Analog Max. voltage. | VREF=+5V |
| 75 | AVss | I | AVss | Analog power input for A/D converter. Analog Min. voltage. | AVss=GND |
| 76 | P67/AN7 | I | CRSC | FM noise (Used by A/D) | |
| 77 | P66/AN6 | I | S MET | FM S-meter (Used by A/D) | |
| 78 | P65/AN5 | O | PLL DATA | PLL LM7001M Data | |
| 79 | P64/AN4 | O | PLL CLK | PLL LM7001M Clock | |
| 80 | P63/AN3 | O | PLL CE | PLL LM7001M Chip Enable | |

# CIRCUIT DESCRIPTION

## Flow of Operation in Test Mode




- All LCD segment dots are turned ON.
  This common to LCD so even the dots which are not used with the model light.
  Volume is set to MAX (00dB), Loudness is set to OFF.
- Connection between μ-com and external RAM (S-RAM) is checked.
  For the description of display, refer to [S-RAM Check Mode].
- Reception of FM band initial frequency (98.1MHz).
  For the description of adjustment and display, refer to [FM Adjustment Mode].
- Reception of AM band initial frequency (MW 999kHz).
  For the description of adjustment and display, refer to [AM Adjustment Mode].
- Test mode operation are quit.
  However, setups of Volume, Loudness and other conditions set during test mode are retained.

## Test Mode Procedure

① Without a cassette tape loaded in the deck, reset-start the unit from the all-OFF state, by switching the power ON while holding the [FM] key + [⏮] key depressed. This starts the unit in the test mode.

② Press the [AUTO] key while all LCD dots are lit to enter the S-RAM check mode.

③ Press the [SOURCE] key to start tuner reception in the FM band.

④ Press the [AM] key to select the AM band.

⑤ Switch the power OFF, switch ACC OFF and detach the panel. This quits the test mode. In this case, the setups of Volume, Loudness and other conditions set during the test mode are retained in memory just like status transitions in normal operation mode.

***Note*** : In the test mode, the keys are valid in accordance with the status transition definitions.

**List of test mode operation with each source**

| | All OFF | Tuner | Tape | CD-CH |
|---|---|---|---|---|
| Test mode operations with each source | LCD all ON,<br>S-RAM check | *FM source<br>Audio adjustment<br>S-meter adjustment<br>SD check | Audio adjustment | Audio adjustment |
| | | *AM source<br>Audio adjustment<br>AM SD adjustment<br>SD check | | |
| Test mode operation keys | [AUTO] | [AUDIO ∨]<br>[AUDIO ∧]<br>[AM] | [AUDIO ∨]<br>[AUDIO ∧] | [AUDIO ∨]<br>[AUDIO ∧] |

***Note*** : The volume and loudness have been set as shown below before entering the test mode.
Volume : MAX (00dB), Loudness : OFF

# CIRCUIT DESCRIPTION

## FM Adjustment Mode

In the FM adjustment, set the antenna input to 20dBμ (no modulation) then ajust the semi-fixed resistor for the FM S-meter until the ◁▷ tape direction indicators light and PAUSE dot indicator lights.

### FM S-meter level adjustment

| Tape Direction | FM S-meter adjustment |
|---|---|
| ◁▷ | OK (19dBμ ~ 21dBμ) |
| ◁ | NG (Level < 19dBμ) |
| ▷ | NG (Level > 21dBμ) |

### FM band muting check (FM station detected/not check)

| PAUSE dot indicator | FM band muting |
|---|---|
| ON | OK (FM station detected) |
| OFF | NG (FM station not detected) |

## AM Adjustment Mode

While the AM source is selected, the AGC CUT output remains ON while the [AM] key is held depressed. Therefore, with this condition, set the antenna input to 35dBμ (no modulation), then adjust the semi-fixed resistor for AM SD until the ◁▷ tape direction indicators light.

### AM SD check (AM station detection check)

| Tape Direction | AM SD check |
|---|---|
| ◁▷ | OK (AM station detected) |
| ◁ | NG (AM station not detected) |

### AM AGC output status

| REP dot indicator | AM AGC output status |
|---|---|
| ON | ON (= Logic "H") |
| OFF | OFF (= Logic "L") |

## Audio adjustment

In the test mode, the Bass, Treble, Balance and Fader controls can be adjusted by operating the [∧] and [∨] audio adjustment keys as shown below.

### Adjustment target values of each audio control item

| Audio control item | Initial value | Audio adjustment keys ∧, ∨ | | |
|---|---|---|---|---|
| Bass | Center 00 | –08 (Min.) | Center 00 | +08 (Max.) |
| Treble | Center 00 | –08 (Min.) | Center 00 | +08 (Max.) |
| Balance | Center 00 | Lch emphasis (Rch Mute) | Center 00 | Rch emphasis (Lch Mute) |
| Fader | Center 00 | Rear emphasis (Front Mute) | Center 00 | Front emphasis (Rear Mute) |

## S-RAM Check Mode

If other message than "S-RAM : OK" is displayed after the completion of the S-RAM check mode, there is a fault in a connection line in the address or data bus ports between the μ-com and S-RAM.

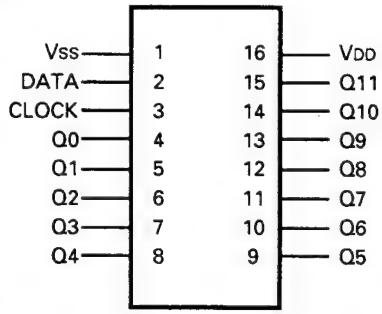
### Message displayed after S-RAM check mode

| Displayed message | Description |
|---|---|
| S-RAM : OK | Connection lines between μ-com and S-RAM are normal. |
| S-RAM : NG | Connection line fault (specially in $\overline{WR}$, $\overline{RD}$, AD13, AD14 or AD15). |
| S-RAM : ADXX | Address port connection line fault. (ON or near display port) |
| S-RAM : DBXX | Data bus port connection line fault. (ON or near display port) |

# CIRCUIT DESCRIPTION

## IC3 : BU2090F (X14-)

**• Pin connection**

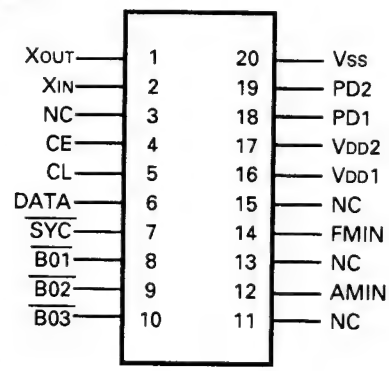



**• Pin function**

| No. | Port name | Pin function | Function description | Logic L | Logic H |
|---|---|---|---|---|---|
| 4 | Q0 | T/R | Tape or other source select | Tape | Other source |
| 5 | Q1 | MTL | Metal tape select | Normal | Metal |
| 6 | Q2 | DOLBY | Dolby NR | NR OFF | NR ON |
| 7 | Q3 | MW/LW | AM BS control | MW | LW |
| 8 | Q4 | MONO | Forced Mono | Normal reception | Forced Mono |
| 9 | Q5 | LINH | Display | Display ON | Display OFF |
| 10 | Q6 | ILL GR | Illmi green | Green ON | Green OFF |
| 11 | Q7 | ILL AM | Illmi Amber | Amber ON | Amber OFF |
| 12 | Q8 | DSI | DSI | DSI ON | DSI OFF |
| 13 | Q9 | FM/AM | FM/AM circuit power | AM | FM |
| 14 | Q10 | T ADV | Tape Advance plunger control | ON | OFF |
| 15 | Q11 | MOTOR | Tape main Motor+B | ON | OFF |

## IC9 : LM7001M (X14-)

**• Pin connection**




**• Pin function**

| No. | Port name | Pin function | Function description | Logic L | Logic H |
|---|---|---|---|---|---|
| 8 | B01 | LOCAL | Local control | Local ON | Local OFF |
| 9 | B02 | AFC | FM SEEK<br>(Seek continues until PI code is established) | FM<br>being received | During FM seek |
| 10 | B03 | | Not used. Outputs "H" permanently. | | |

# CIRCUIT DESCRIPTION

## IC1 : MSM6606GS-VK (X25-)

• **Key matrix**

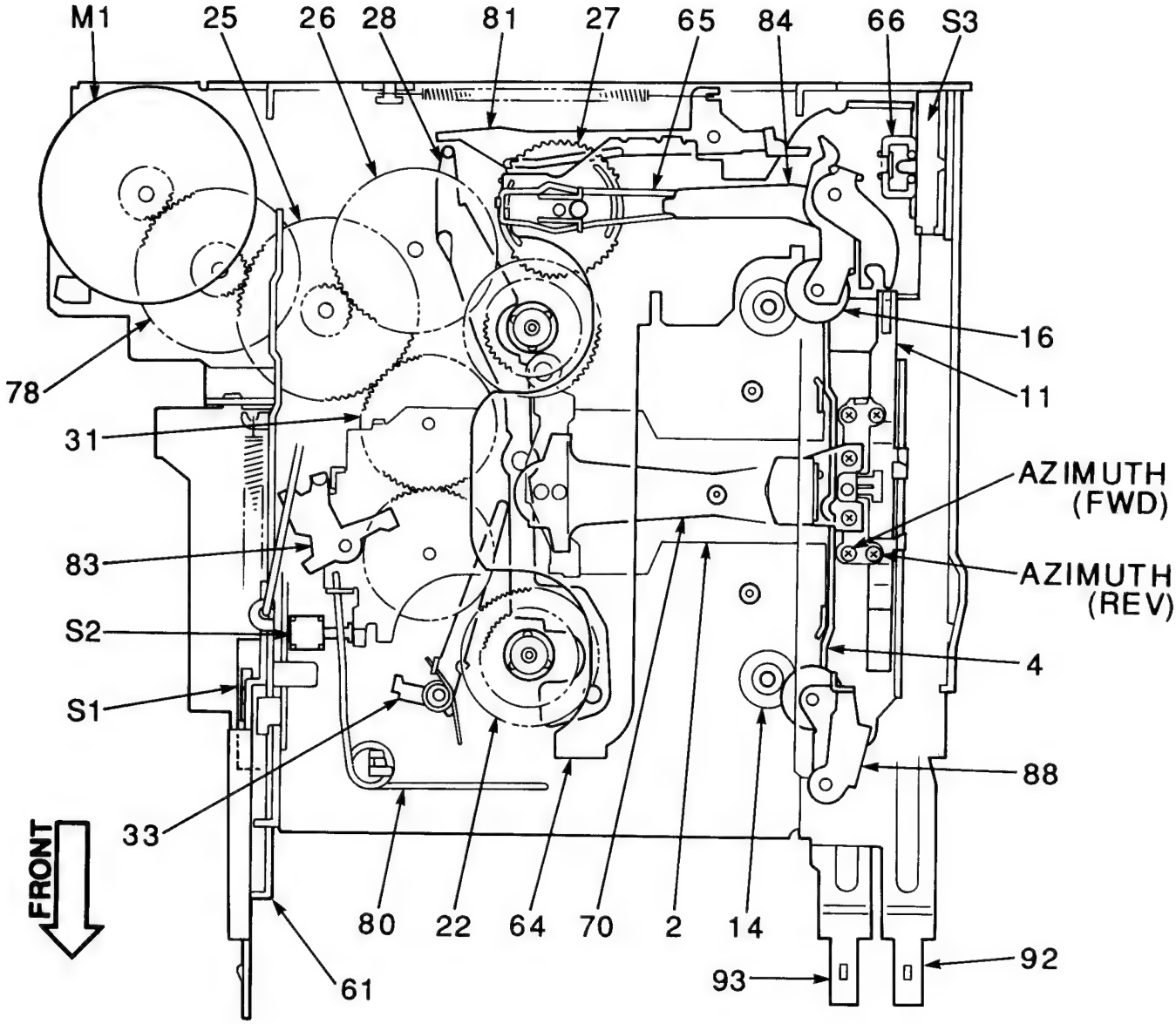
| Return \ Scan | $\overline{R0}$ | $\overline{R1}$ | $\overline{R2}$ | $\overline{R3}$ | $\overline{R4}$ |
|---|---|---|---|---|---|
| $\overline{C0}$ | AUDIO UP | | FM | ① | |
| $\overline{C1}$ | AUDIO DOWN | SOURCE | PTY | ② | |
| $\overline{C2}$ | TUNE UP | | DISP | ③ | |
| $\overline{C3}$ | TUNE DOWN | AUTO | | ④ | |
| $\overline{C4}$ | RDS | AM | TI | ⑤ | |
| $\overline{C5}$ | AUDIO | ATT | LO.S | ⑥ | |

• **Pin layout**

| Pin No. | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Pin name | $\overline{C0}$ | $\overline{C1}$ | $\overline{C2}$ | $\overline{C3}$ | $\overline{C4}$ | $\overline{C5}$ | $\overline{R0}$ | $\overline{R1}$ | $\overline{R2}$ | $\overline{R3}$ | $\overline{R4}$ |

# KRC-555R/RL

## MECHANISM OPERATION DESCRIPTION



# MECHANISM OPERATION DESCRIPTION

**LOADING**

1. Insert a cassette tape ( ❶ ).

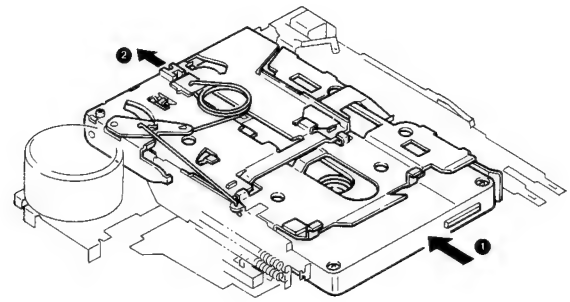


Fig. 1

2. The pack slider (50) presses the lever (49) ( ❷ ).
3. The lever (49) rotates and the push plate (58) lock releases. The push plate is pulled by spring (59) and moves forward ( ❸ ).

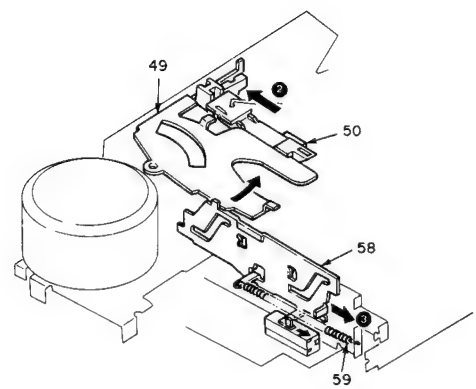



Fig. 2

4. The holder (48) lowers following the groove in the push plate (58) ( ❹ ).
5. The slide switch (S1) is pressed by the push plate (58) and turns ON. When S1 turns ON, current is supplied to the motor (M1) ( ❺ ).

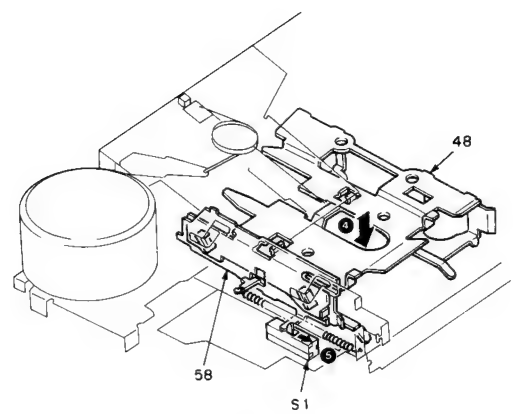



Fig. 3

# MECHANISM OPERATION DESCRIPTION

6. The push arm (83) is pressed by the push plate (58) and rotates. The push arm (83) releases the head plate (2) lock ( ❻ ).
7. The head plate (2) is pulled forward by the spring (80) ( ❼ ).

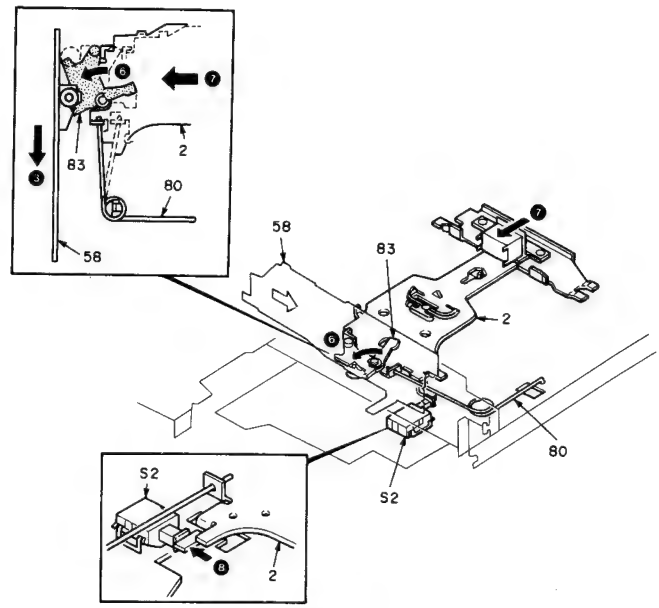



Fig. 4

8. The forward movement of the head plate (2) causes the push switch (S2) to turn ON ( ❽ ).
9. Through the forward movement of the head plate (2), the PR spring (4) causes the pinch roller assembly (16, 17) to press against the capstan assembly (74) ( ❾ ).

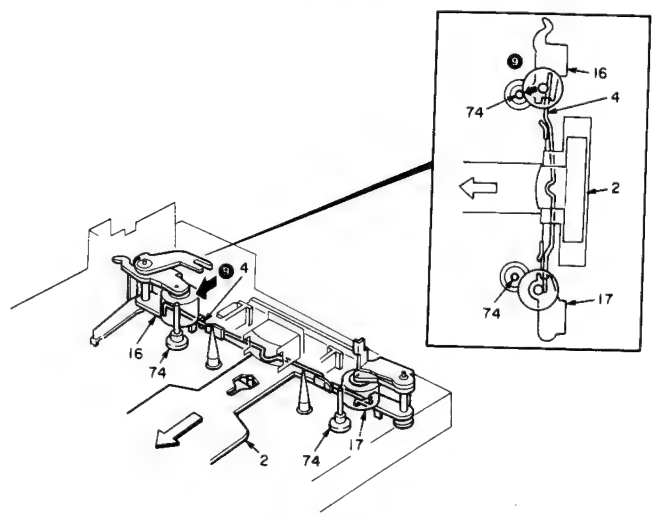



Fig. 5

10. The rotation of the motor is transmitted through various gears (78 → 25 → 31 → 6 →) to drive the winding side reel disk assembly (22) ( ❿ ).
11. The sending side reel disk assembly (22) is not driven by the motor rotation because it is separated from the play gear (6) ( ⓫ ).

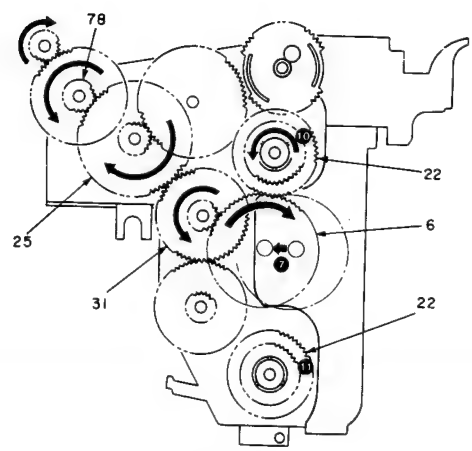



Fig. 6

# MECHANISM OPERATION DESCRIPTION

**PROGRAM (Manual Program Change)**

1. When pressing FF/REW (92 and 93) levers at the same time ( ❶ ), the levers are placed into a slot on the PC (Play Change) plate (94) in direction of arrow ( ❷ ) in Fig.7.
2. The PC plate (94) moves in the direction of arrow ( ❸ ), trigger arm (81) is kicked in the direction of arrows ( ❹ ) and ( ❺ ), thereby releasing the turn-over gear (27).
3. The turn-over gear (27) is rotated in the direction of arrow ( ❻ ) by ED (End Detector) gear (26), which moves main plate (64).

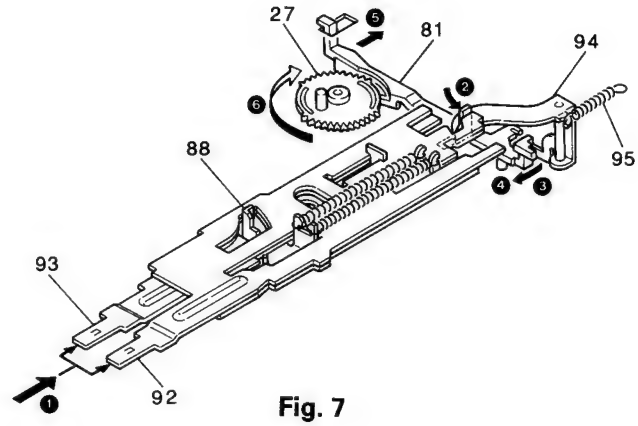



**Fig. 7**

4. The main plate (64) slides in direction of arrow ( ❼ ) in Fig.8 causing the following part movements;
   a) Head switch (10) movement is changed per arrow ( ❽ ).
   b) Force transferred from pinch roller spring (4) changes the relation of pinch roller and capstan to each other, per arrow ( ❾ ).
   c) Seesaw plate (20) is moved by the main plate and seesaw plate spring (65), and moves seesaw working plate (84). All FF/REW operation is performed by this seesaw plate movement. See arrow ( ❿ ).

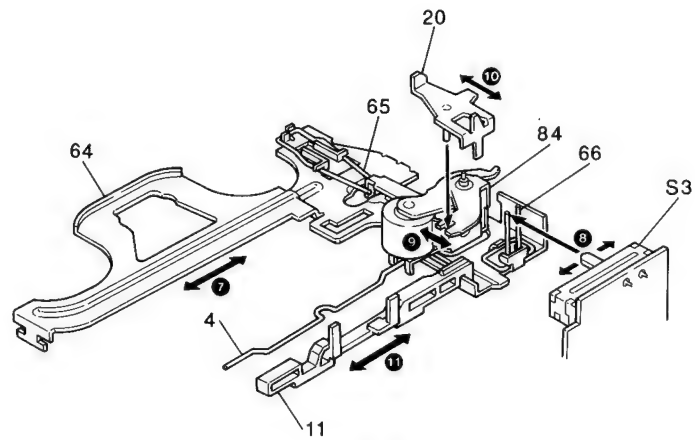
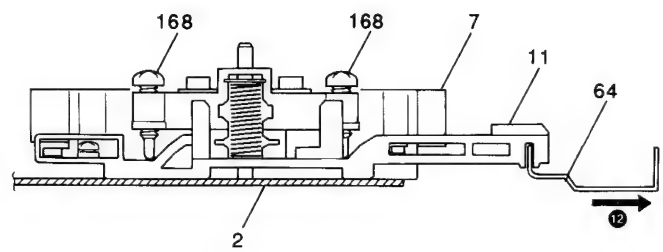



**Fig. 8**

   d) The shift plate (11) is moved in direction of arrow ( ⓫ ), and head moves up and down per arrows ( ⓬ , ⓭ and ⓮ ) in Fig.9.



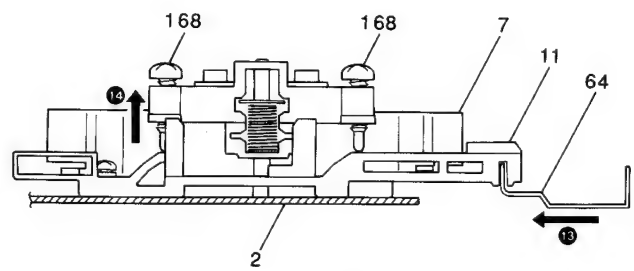




**Fig. 9**

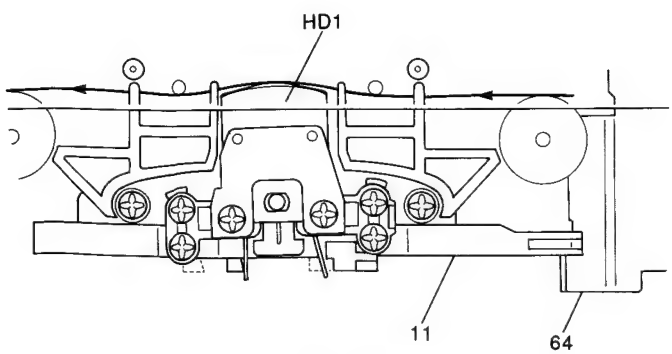



**Fig. 10**

# MECHANISM OPERATION DESCRIPTION

e) The play gear metal (5) is engaged, per arrows (⑮) and (⑯) in Fig.11. Then play gear (6) is connected to take-up reel assembly (22) on forward side in FWD play, and connected to the other take-up reel assembly in REV play. Rotation from the play clutch (31) is transferred to take-up reel assembly per arrows (⑰) and (⑱) in Fig.11.
As mentioned above, the direction in play mode can be changed. During play mode active, the head panel is moved backward by head panel return arm (88) in direction of arrow (⑲) in Fig.11. The Mute switch (S2) is turned on per arrow (⑳), and play mode is not reversed while FF/REW levers are pushed by operation of anti-reverse arm (33). See Fig.12.

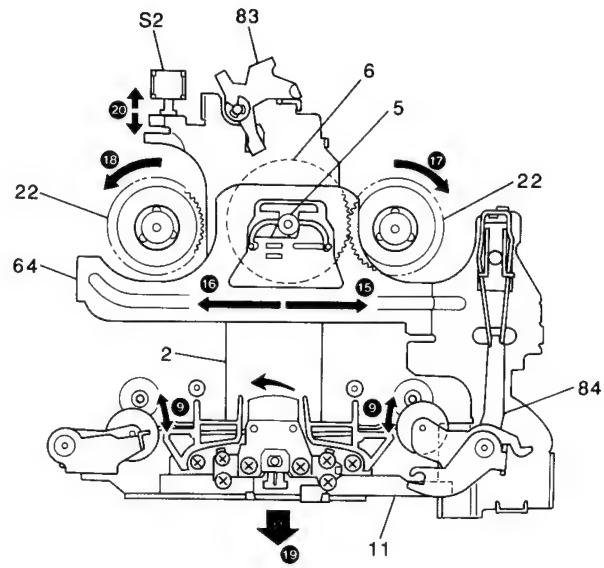



**Fig. 11**

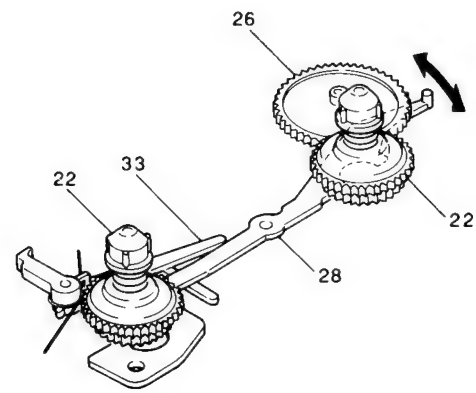



**Fig. 12**

# MECHANISM OPERATION DESCRIPTION

**FF**

1. Press the FF lever (92) ( ❶ ).
2. The return arm (88) is pushed by the FF lever (92) and rotates ( ❷ ).
3. The head plate (2) is pulled by the return arm (88) and moves back ( ❸ ).
4. The seesaw plate (20) is pushed by the FF lever (92) and rotates ( ❹ ).

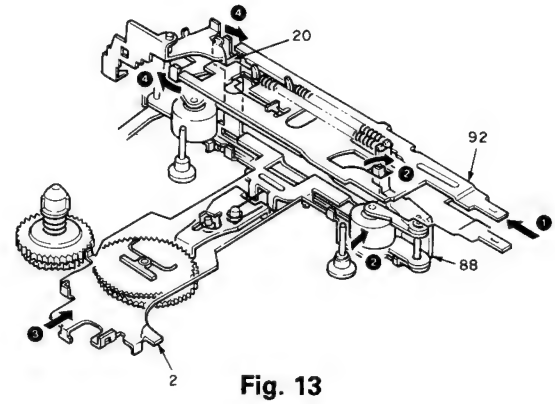



**Fig. 13**

5. The FR slide plate (86) is pulled by the seesaw plate (20) and moves forward ( ❺ ).
6. The working plate (70) is pulled by the FR slide plate (86), and the FR gear (71) engages with the clutch assembly (31) and winding side reel disk assembly (22) ( ❻ ).
7. The FF lever (92) is locked by the lock plate (96) ( ❼ ).

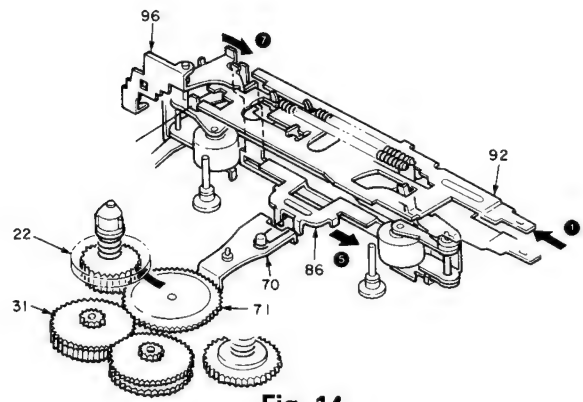



**Fig. 14**

## MECHANISM OPERATION DESCRIPTION

8. If the REW lever (93) is pressed, the lock plate (96) rotates, the FF lever (92) lock is released and the deck enters play mode ( ❽ ).

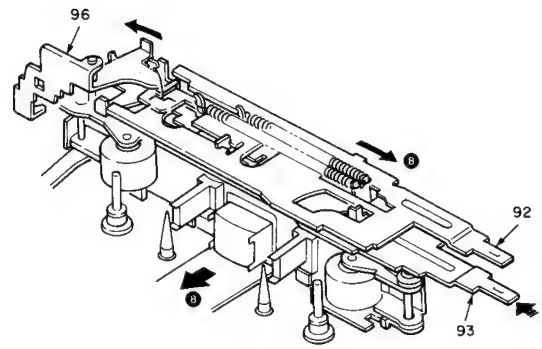



Fig. 15

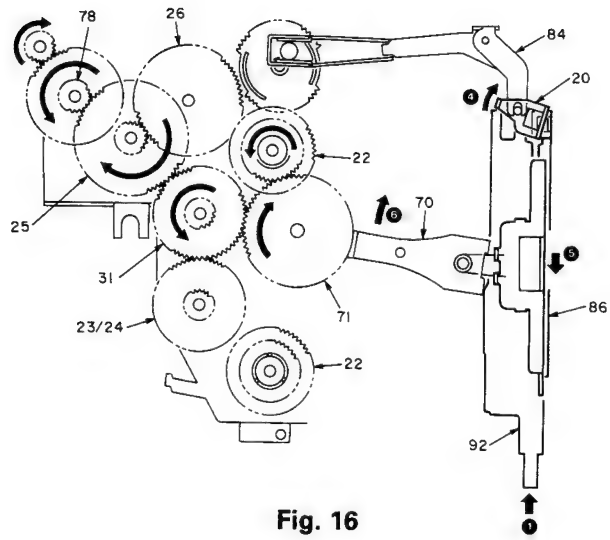



Fig. 16

# MECHANISM OPERATION DESCRIPTION

**REW**

1. Press the REW lever (93) ( ❶ ).
2. The return arm (88) is pushed by the REW lever (93) and rotates ( ❷ ).
3. The head plate (2) is pulled back by the return arm (88) and moves back ( ❸ ).
4. The seesaw plate (20) is pushed by the REW lever (93) and rotates ( ❹ ).

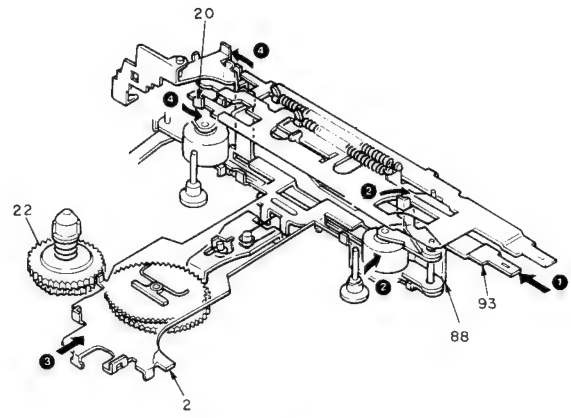



Fig. 17

5. The RF slide plate (86) is pushed by the seesaw plate (20) and moves backward ( ❺ ).
6. The working plate (70) is pulled by the RF side plate (86), and the FR gear (71) engages with the sending side reel disk assembly (22) and F gear (24) ( ❻ ).
7. The REW lever (93) is locked by the lock plate (96) ( ❼ ).

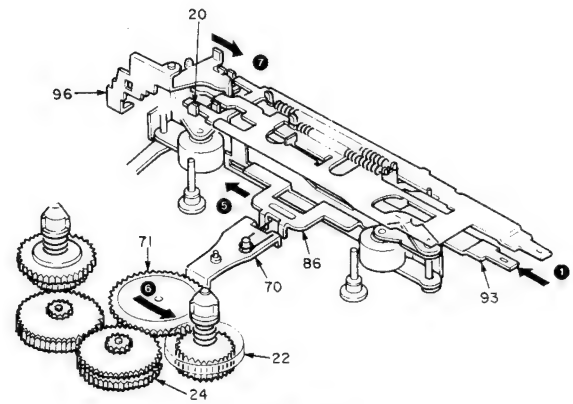



Fig. 18

8. If the FF lever (92) is pressed, the lock plate (96) rotates, the REW lever (93) lock is released and the deck enters play mode ( ❽ ).

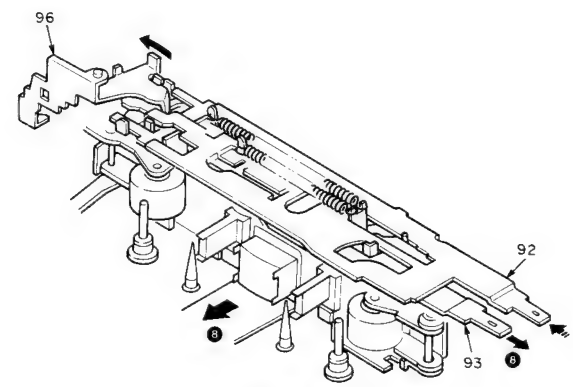
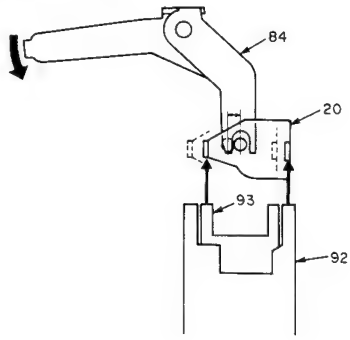



Fig. 19

# MECHANISM OPERATION DESCRIPTION

**Note** : During reverse play, since the seesaw working plate (84) moves the center of the seesaw plate (20) to the right, pressing the FF lever activates the rewind operation and pressing the REW lever activates the fast-forward operation.



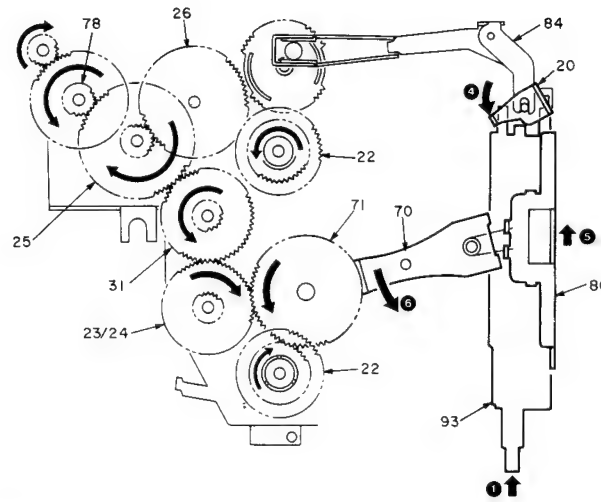




Fig. 20

**AUTO REVERSE**

1. When the end of the taps is reached during playback and the reel disk assembly (22) stops rotating, the ED plate (28) is pushed by the ED gear (26) ( ❶ ).
2. The ED gear (26) rotates and the boss pushes the ED plate (28) further ( ❷ ).
3. The ED plate (28) pushes the trigger arm (81) ( ❸ ).
4. The trigger arm (81) releases the reverse gear (27) lock ( ❹ ). (The "program" operation starts.)

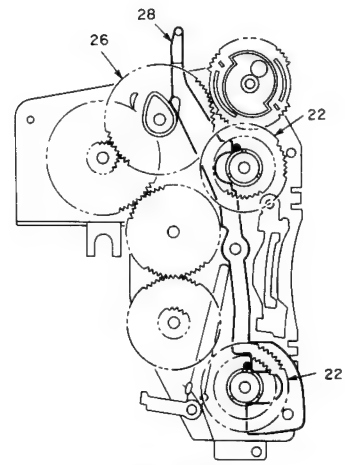



Fig. 21

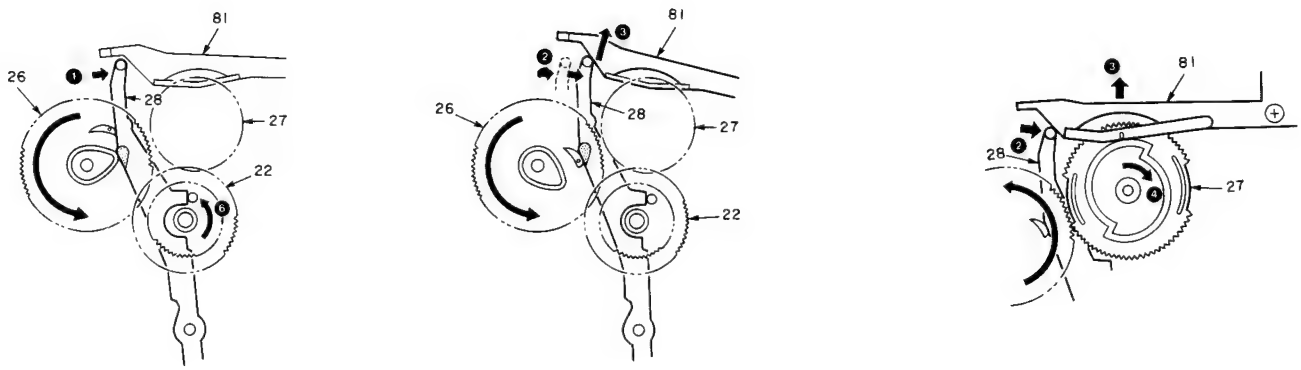



Fig. 22

# MECHANISM OPERATION DESCRIPTION

5. In the same way, during FF and REW, the ED plate operates when the tape end is reached, When the plate (64) moves ( ❼ ), the lock plate (96) rotates ( ❽ ) and the FF/REW lever is released, causing the deck to enter play mode ( ❾ ).

6. The pin at the lower side of the reel disk assembly (22) resets the ED plate (28) ( ❻ ).

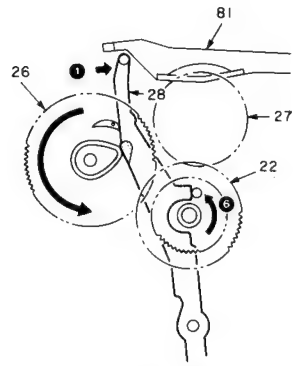



Fig. 24

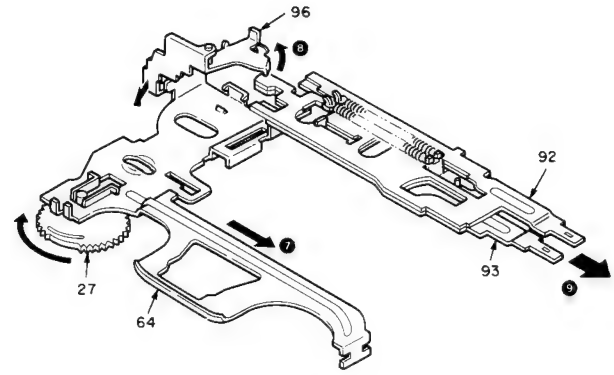



Fig. 23

**EJECT**

1. Press the EJ lever (61) ( ❶ ).
2. The push plate (58) is pushed by the EJ lever (61) and rotates the push arm (83) ( ❷ ).
3. The push arm (83) moves the head plate (2) back ( ❸ ).
4. The EJ lever (61) moves the rod (52) and rotates the PE plate (44) ( ❹ ).

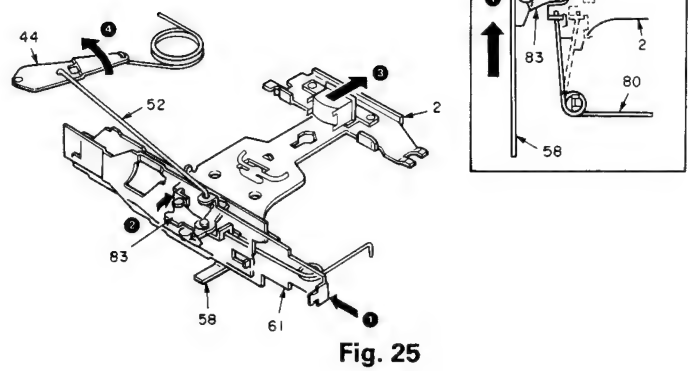



Fig. 25

5. The holder (48) moves up following the push plate (58) groove ( ❺ ).
6. The PE plate (44) turns the reverse spring (47) over and pushes out the pack slider (50) ( ❻ ).

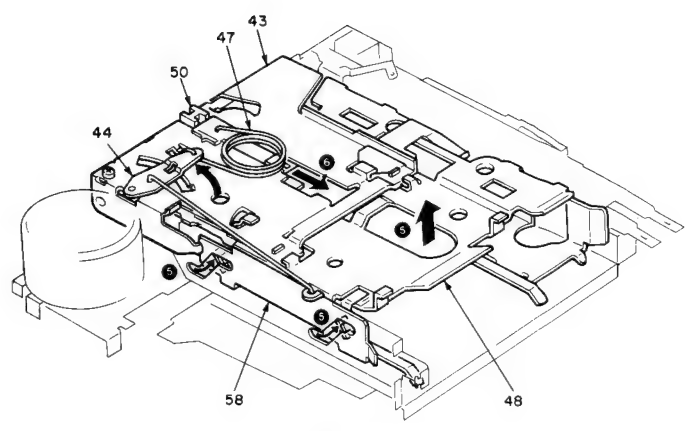



Fig. 26

# ADJUSTMENT

Set the controls and switches as follows.

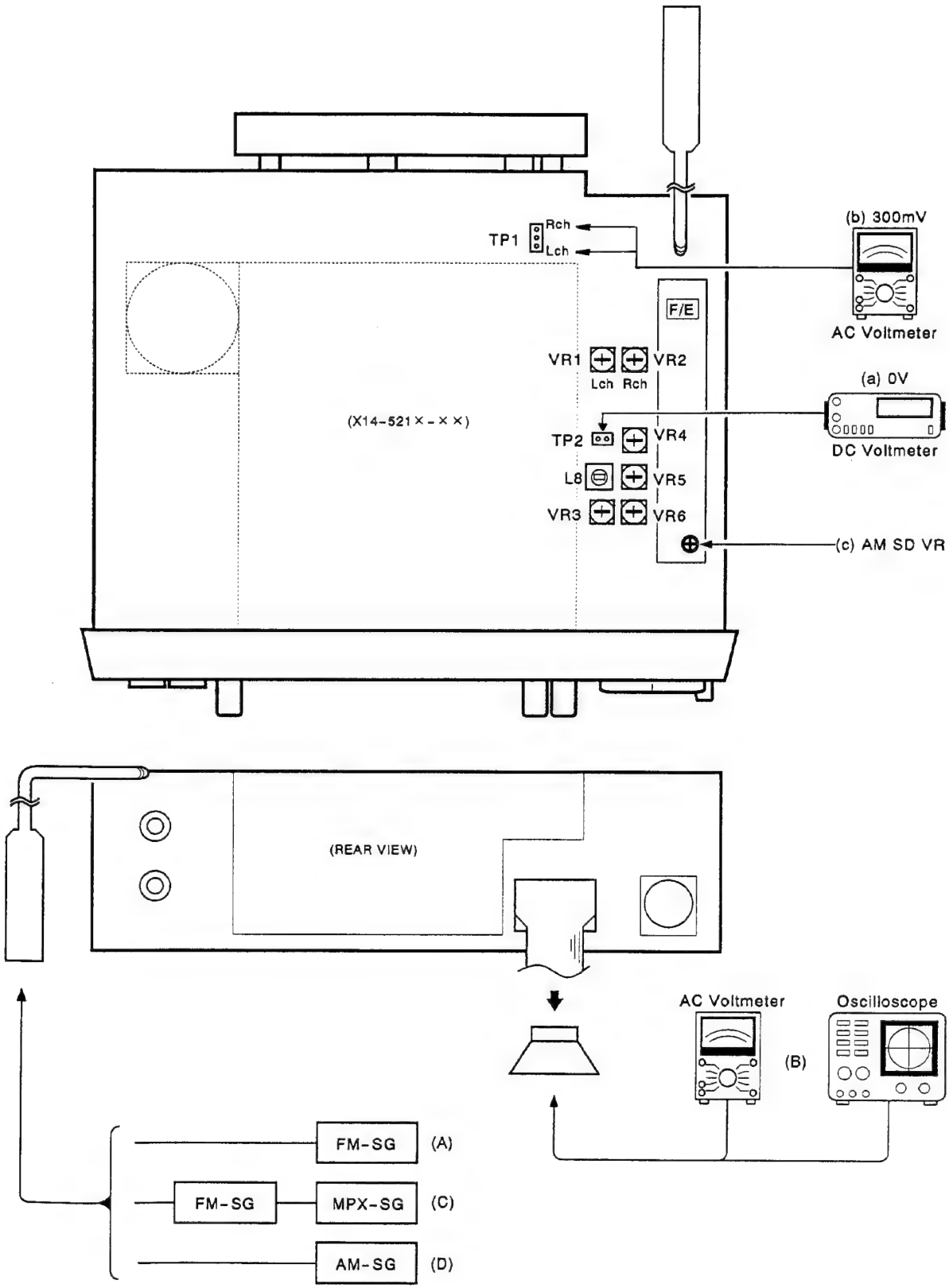
| | | | | | |
|---|---|---|---|---|---|
| BALANCE | :center position | LOUD | :OFF | LOCAL | :OFF |
| FADER | :center position | T・ADV | :OFF | AUTO | :OFF |
| BASS | :center position | METAL | :OFF | | |
| TREBLE | :center position | DOLBY NR | :OFF | | |

| No | ITEM | INPUT SETTINGS | OUTPUT SETTINGS | TUNER (RECEIVER) | ALIGNMENT POINTS | ALIGN FOR | FIG. |
|---|---|---|---|---|---|---|---|
| **FM SECTION** | | | | | | | |
| 1 | DISCRI-MINATOR | (A)<br>98.1MHz<br>0dev<br>60dBμ (ANT input) | Connect a DC voltmeter to TP2 | FM<br>98.1MHz | L8 | 0V | (a) |
| 2 | SOFT MUTE LEVEL | (A)<br>98.1MHz<br>1kHz, ±40kHz dev<br>60dBμ →No input | (B) | FM<br>98.1MHz | VR4 | Assuming that the output is 0dB with an input of 60dBμ ,ajust so that the output level is -25dB. | |
| 3 | SEPARATION | (C)<br>98.1MHz<br>1kHz, ±40kHz dev<br>Pilot: ±6kHz dev<br>Selector:L or R<br>60dBμ (ANT input) | (B) | FM<br>98.1MHz | VR3 | Adjust it so that the crosstalk from L to R and R to L become minimum. | |
| 4 | ANRC | (C)<br>98.1MHz<br>1kHz, ±40kHz dev<br>Pilot: ±6kHz dev<br>Selector:L or R<br>35dBμ (ANT input) | (B) | FM<br>98.1MHz | VR5 | Separation<br>10dB | |
| 5 | SIGNAL METER (STOP LEVEL) | (A)<br>98.1MHz<br>0 dev<br>20dBμ (ANT input) | TEST MODE : ON | FM<br>98.1MHz | VR6 | Adjust so that the "◀ ▶" indicator in the front panel are lit.<br>Only "◀" is lit : Too low<br>Only "▶" is lit : Too high | |
| **AM SECTION** | | | | | | | |
| (1) | SIGNAL METER (STOP LEVEL) | (D)<br>999 kHz<br>0% mod<br>35dBμ (ANT input) | TEST MODE : ON | AM<br>999 kHz | AM SD VR<br>(IN F/E)<br>(TU1) | Adjust so that the "◀ ▶" indicator in the front panel are lit.<br>Only "◀" is lit : Too low<br>Only "▶" is lit : Too high | (c) |
| **CASSETTE DECK SECTION** | | | | | | | |
| [1] | AZINUTH | MTT-114<br>10kHz | (B) | TAPE PLAY | Head Azimuth Screw | Adjust the azinuth for each L ch / R ch or FWD /RVS becomes maximum | |
| [2] | PLAYBACK LEVEL | MTT-150 | Connect an AC voltmeter to TP1 | TAPE PLAY | VR1 (L)<br>VR2 (R) | 300mV | (b) |

*Test mode : Turn power ON while holding the [FM] and [⏮] keys depressed. (All of the LCD elements light.)
Then, press the [SOURCE] key or [AM] key.

To quit : Power OFF.

# ADJUSTMENT

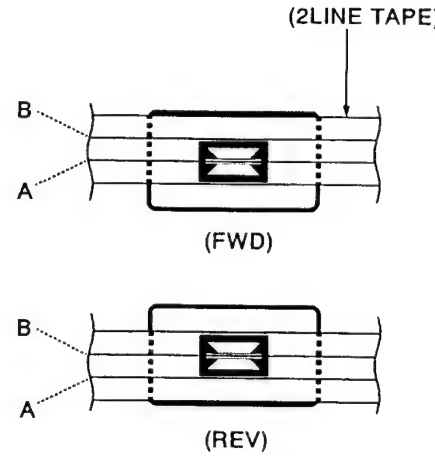

TP1
Rch
Lch
(b) 300mV
AC Voltmeter
F/E
VR1
VR2
Lch Rch
(a) 0V
DC Voltmeter
(X14-521×-××)
TP2
VR4
L8
VR5
VR3
VR6
(c) AM SD VR
(REAR VIEW)
AC Voltmeter
Oscilloscope
(B)
FM-SG
(A)
FM-SG
MPX-SG
(C)
AM-SG
(D)

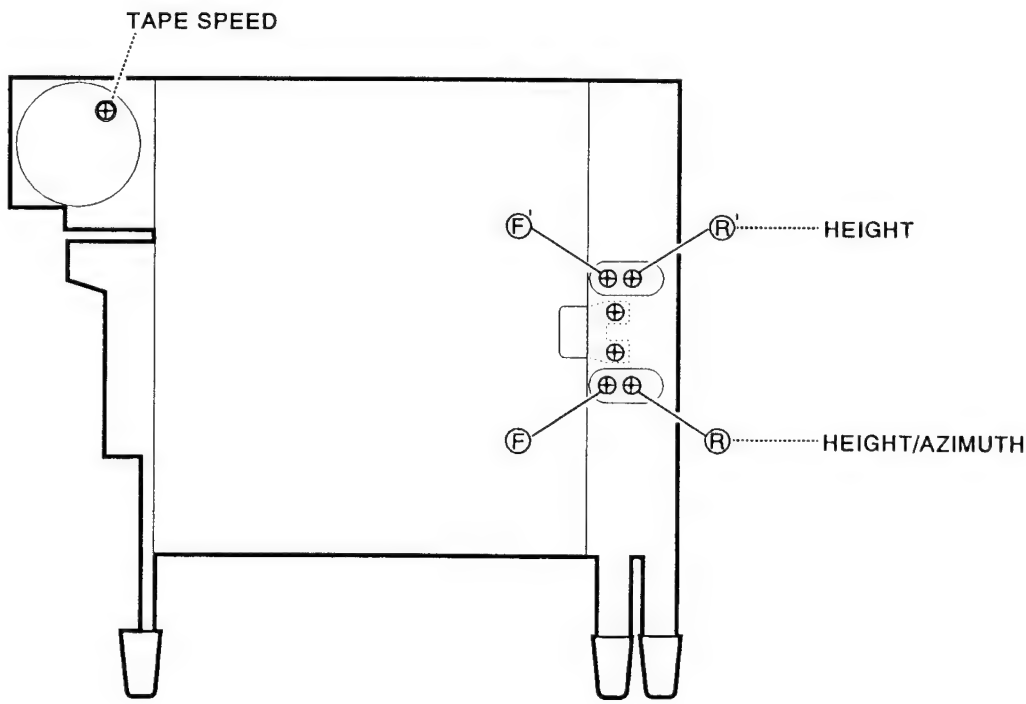
# ADJUSTMENT

## Head Angle Adjustment

### Head height alignment procedure (type D)

- During FWD transport, adjust screws Ⓕ and Ⓕ' so that line A of 2-line tape passes trough the center of the head shield plate (white section).
- During REV transport, adjust screws Ⓡ and Ⓡ' so that line B of 2-line tape passes trough the center of the head shield plate (white section).
- After the alignment above, reverse the transport direction and check the FWD alignment again. If it is deviated, perform alignment again. (Tape used : SCC-1659, manufacured by A-BEX)

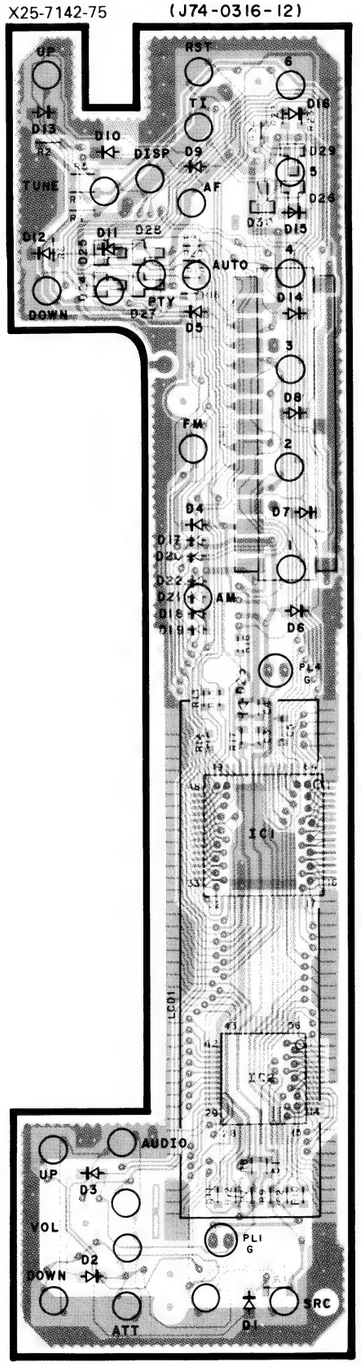


# PC BOARD (COMPONENT SIDE VIEW)

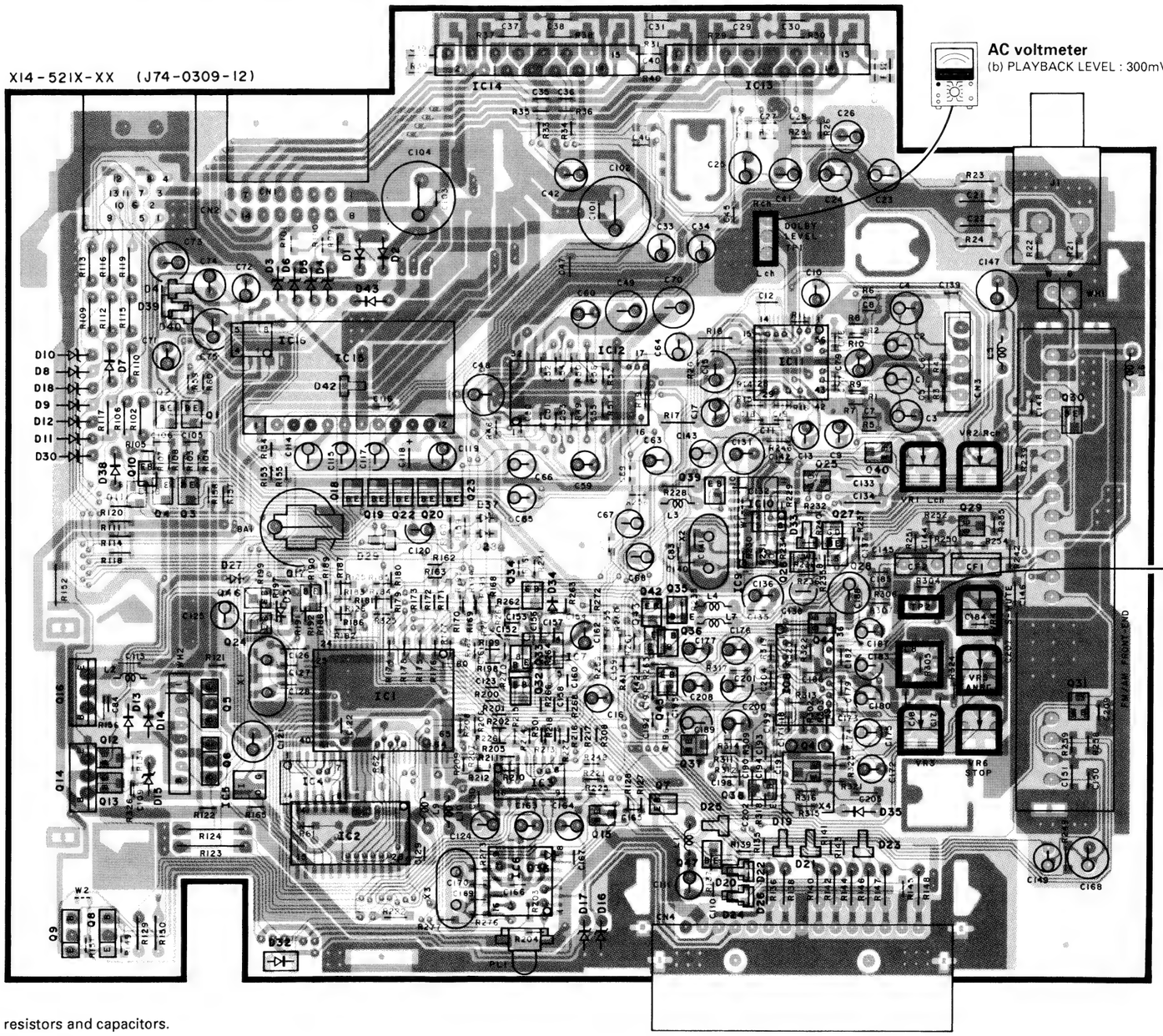
**SWITCH UNIT (X25-7142-75)**

X25-7142-75 (J74-0316-12)




**SYNTHESIZER UNIT (X14-5212-XX) -73 : 555R, -74 : 555RL**

X14-521X-XX (J74-0309-12)



**AC voltmeter**
(b) PLAYBACK LEVEL : 300mV

**DC voltmeter**
(a) DISCRIMINATOR : 0V

| X14-5212-XX | | |
|---|---|---|
| IC | Q | Address |
| 1 | | 5E |
| 2 | | 6E |
| 3 | | 6F |
| 4 | | 6E |
| 5 | | 6D |
| 6 | | 6F |
| 7 | | 5F |
| 8 | | 5G |
| 9 | | 5G |
| 10 | | 5G |
| 11 | | 4G |
| 12 | | 4F |
| 13 | | 2G |
| 14 | | 2F |
| 15 | | 4E |
| | 3 | 4D |
| | 4 | 4D |
| | 5 | 5D |
| | 6 | 6D |
| | 7 | 6F |
| | 10 | 4D |
| | 11 | 4D |
| | 12 | 6D |
| | 13 | 6D |
| | 14 | 6D |
| | 15 | 6F |
| | 16 | 5D |
| | 17 | 5E |
| | 18 | 4E |
| | 19 | 4E |

| X14-5212-XX | | |
|---|---|---|
| IC | Q | Address |
| | 20 | 4E |
| | 23 | 4E |
| | 24 | 5D |
| | 25 | 4G |
| | 26 | 5G |
| | 27 | 5G |
| | 28 | 5G |
| | 29 | 5H |
| | 30 | 4H |
| | 31 | 5I |
| | 32 | 5F |
| | 33 | 5F |
| | 34 | 5F |
| | 35 | 5F |
| | 36 | 5F |
| | 37 | 6G |
| | 38 | 6G |
| | 39 | 4G |
| | 40 | 4G |
| | 41 | 6G |
| | 42 | 5F |
| | 43 | 5F |
| | 44 | 5G |
| | 45 | 5F |
| | 46 | 5D |
| | 47 | 6G |

| X25-7142-75 | | |
|---|---|---|
| IC | Q | Address |
| 1 | | 5B |
| 2 | | 6B |

Refer to the schematic diagram for the values of resistors and capacitors.

# PC BOARD (FOIL SIDE VIEW)

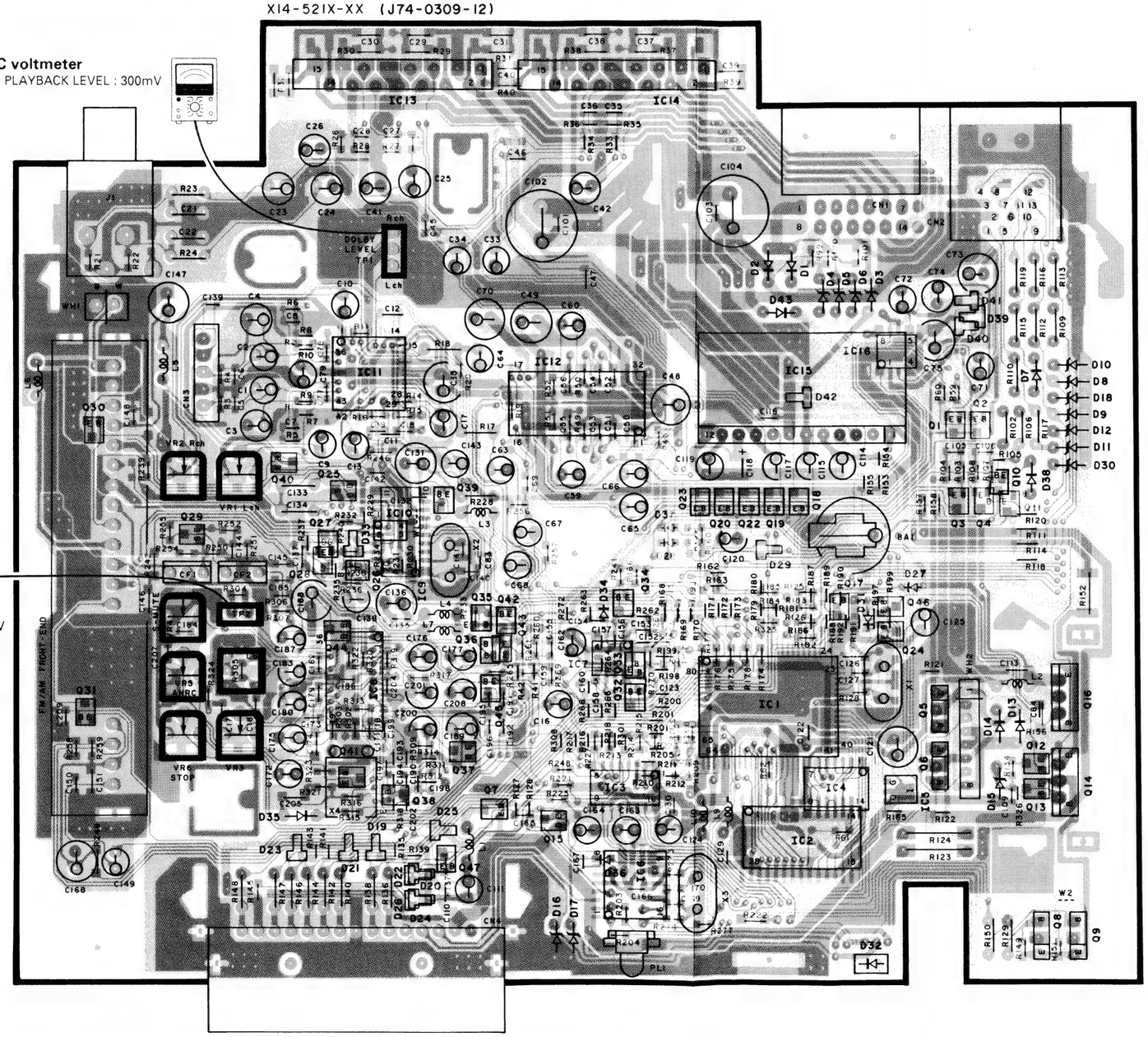
| X14-5212-XX | | |
|---|---|---|
| IC | Q | Address |
| 1 | | 5P |
| 2 | | 6P |
| 3 | | 6O |
| 4 | | 6P |
| 5 | | 6Q |
| 6 | | 6O |
| 7 | | 5O |
| 8 | | 5N |
| 9 | | 5N |
| 10 | | 5N |
| 11 | | 4N |
| 12 | | 4O |
| 13 | | 2N |
| 14 | | 2O |
| 15 | | 4P |
| | 3 | 4Q |
| | 4 | 4Q |
| | 5 | 5Q |
| | 6 | 6Q |
| | 7 | 6O |
| | 10 | 4Q |
| | 11 | 4Q |
| | 12 | 6Q |
| | 13 | 6Q |
| | 14 | 6Q |
| | 15 | 6O |
| | 16 | 5Q |
| | 17 | 5P |
| | 18 | 4P |
| | 19 | 4P |

| X14-5212-XX | | |
|---|---|---|
| IC | Q | Address |
| | 20 | 4P |
| | 23 | 4P |
| | 24 | 5Q |
| | 25 | 4N |
| | 26 | 5N |
| | 27 | 5N |
| | 28 | 5N |
| | 29 | 5M |
| | 30 | 4M |
| | 31 | 5L |
| | 32 | 5O |
| | 33 | 5O |
| | 34 | 5O |
| | 35 | 5O |
| | 36 | 5O |
| | 37 | 6N |
| | 38 | 6N |
| | 39 | 4N |
| | 40 | 4N |
| | 41 | 6N |
| | 42 | 5O |
| | 43 | 5O |
| | 44 | 5N |
| | 45 | 5O |
| | 46 | 5Q |
| | 47 | 6N |

| X25-7142-75 | | |
|---|---|---|
| IC | Q | Address |
| 1 | | 5B |
| 2 | | 6B |

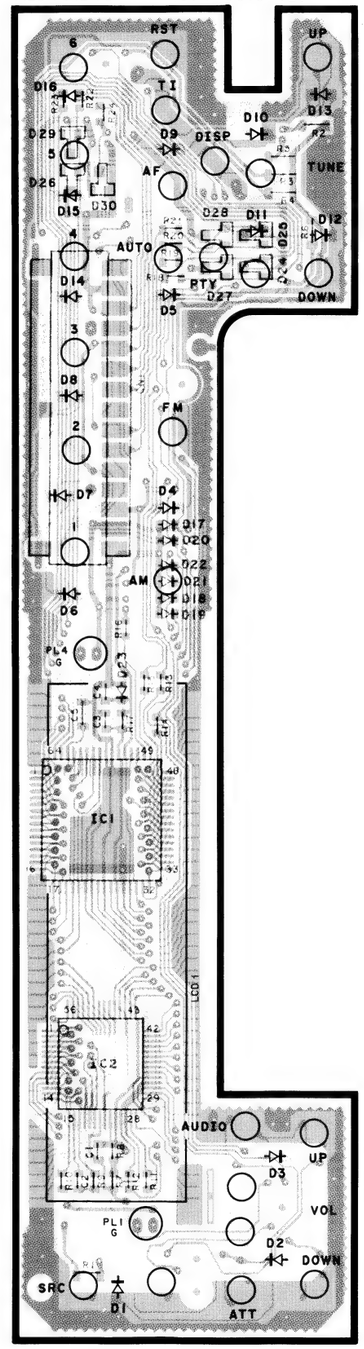
## SYNTHESIZER UNIT (X14-5212-XX) -73 : 555R, -74 : 555RL

X14-521X-XX (J74-0309-12)




## SWITCH UNIT (X25-7142-75)

X25-7142-75 (J74-0316-12)




Refer to the schematic diagram for the values of resistors and capacitors.

(X14-521X-XX)

MECHA. ASSY (D40-1054-05)

IC6 :SAA6579T
IC7 :NJM4565M
IC8 :LA1862M
IC9 :LM7001M
IC10 :TC4W66F
IC11 :HA12163FP
IC12 :TEA6320T
IC13,14 :AN7190K
IC15 :BA3913-V4

Q3,4,10,34,38,41,44 :2SC2412K
Q5,6 :2SA1428
Q11,31,32,35,39,40,42,47 :DTA144EK
Q16 :2SD2396
Q17 :DTB123YK
Q18~20,23,26,30,37,43 :XDC144EK or DTC144EK
Q25,28 :2SK536
Q27 :2SA1037K
Q29 :2SC2413K
Q33,36,45 :DTC114TK

D1~3,13,14,43 :AM01Z or ERA15-01
D4 :UZL-6(L3)
D5,6 :UZL-7(L3)
D27,28,34,37 :1SS355
D29,42 :1SS184
D33 :DA204K
D35,38 :1SS133

2SB1565
2SD2395

DTA124EK XDC144EK
DTA144EK 2SA1036K
DTB123YK 2SA1037K
DTC114TK 2SC2412K
DTC144EK 2SC2413K
XDA124EK

2SA1428

NJM4565M

2SK536

LC3564QM-10

BU2090F
SAA6579T

TC74HC02AF

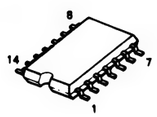
LM7001M

M38067M8D123FP

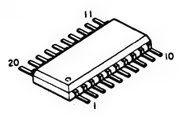
HA1216

IC15 AVR
REGULATOR
PROTECTION
VSHIFT
IC6 RDS
IC7 NOISE DET.
NOISE AFC SW
CRSC SW
IC12 E. VOL.
IC10 LPF T.SW
IC9 P.L.L.
IC8
5V SW
STBY. SW
MUTE DR
ACC. DET.
SURGE DET
BU. DET.
AFC
MPX
IF
SMET
DISCRI
SEP.
SOFT MUTE
BUFF
ANRC
FM SD
MONO.
FM Vt
AM Vt
PON 5V
FM+B
AM+B

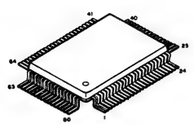
TC74HC02AF



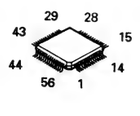
LM7001M



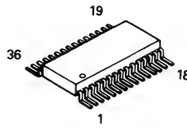
M38067M8D123FP



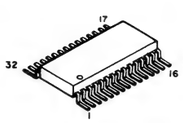
HA12163FP



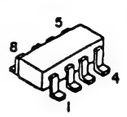
LA1862M



TEA6320T



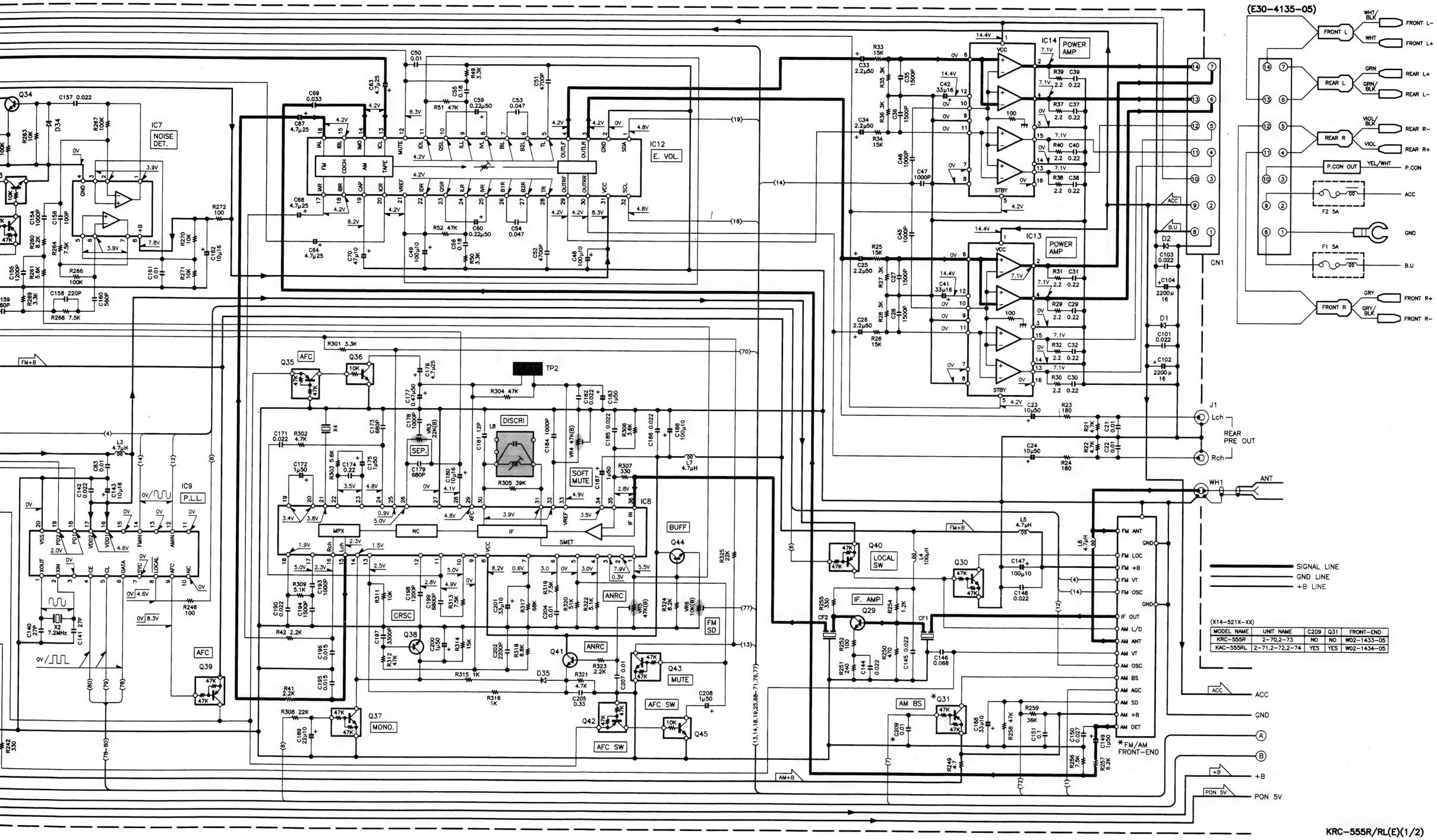
TC4W66F



**CAUTION :** For continued safety, replace safety critical
list). ⚠ Indicates safety critical components. To reduce the ris
out (exposed parts are acceptably insulated from the supply

- DC voltages are as measured with a high impedance voltm
or/and units.

4119

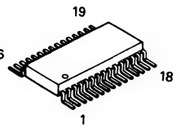



(X14-521X-XX)

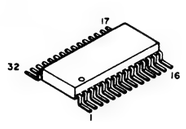
| MODEL NAME | UNIT NAME | C209 | Q31 | FRONT-END |
|---|---|---|---|---|
| KRC-555R | 2-70,2-73 | NO | NO | W02-1433-05 |
| KAC-555RL | 2-71,2-72,2-74 | YES | YES | W02-1434-05 |

KRC-555R/RL(E)(1/2)

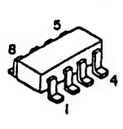
LA1862M



TEA6320T



TC4W66F



**CAUTION :** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

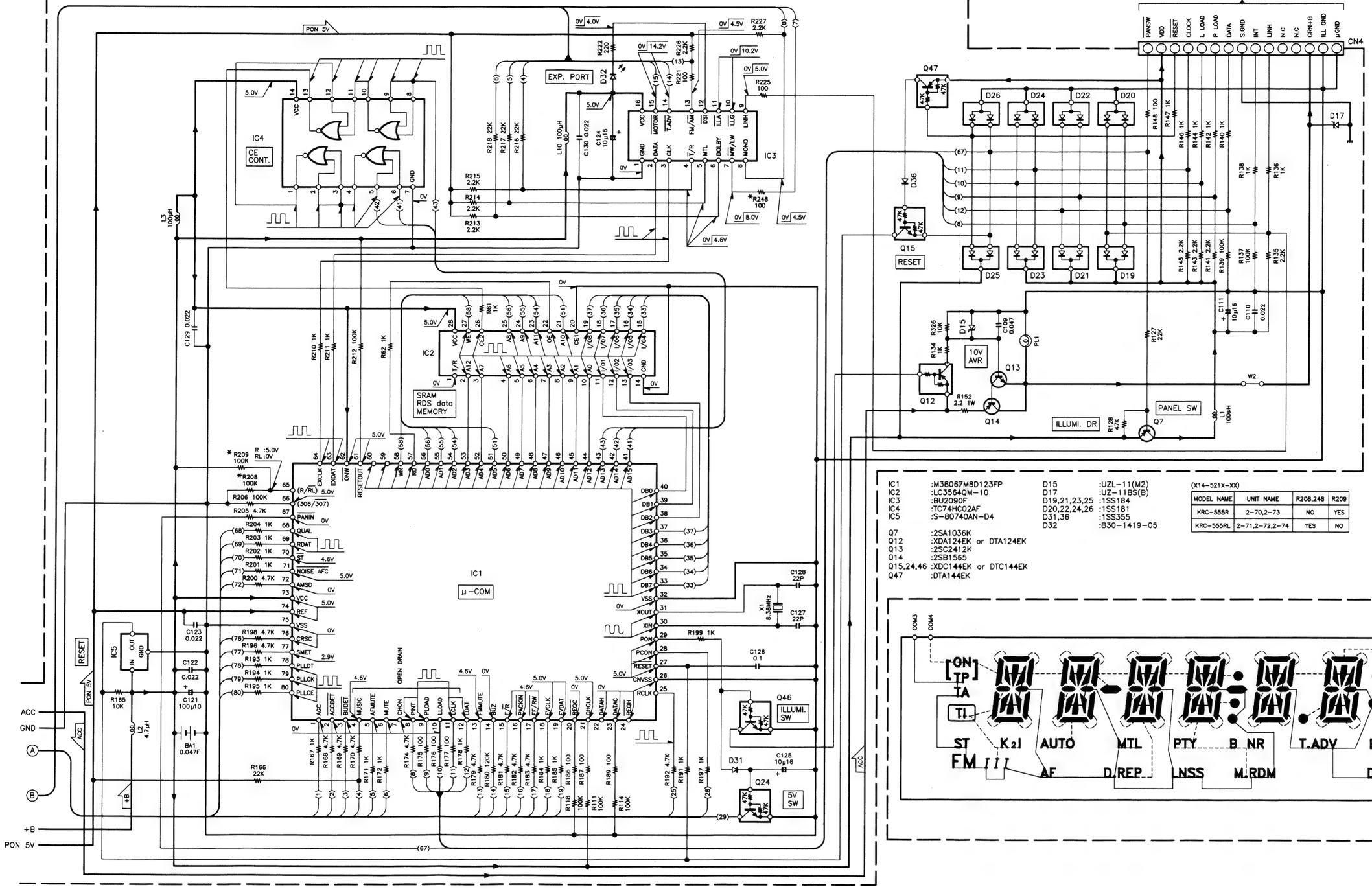
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Y36-1902-70

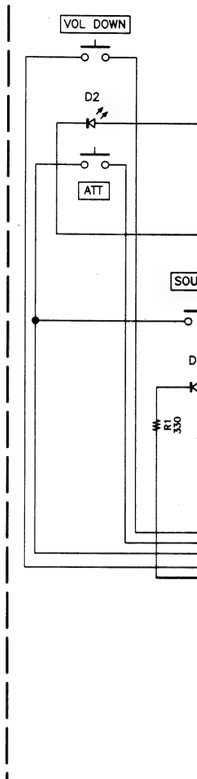
# KRC-555R/RL

KENWOOD

(X14-521X-XX)




(X25-7142-73)




| | |
|---|---|
| IC1 | :M38067M8D123FP |
| IC2 | :LC3564QM-10 |
| IC3 | :BU2090F |
| IC4 | :TC74HC02AF |
| IC5 | :S-80740AN-D4 |
| Q7 | :2SA1036K |
| Q12 | :XDA124EK or DTA124EK |
| Q13 | :2SC2412K |
| Q14 | :2SB1565 |
| Q15,24,46 | :XDC144EK or DTC144EK |
| Q47 | :DTA144EK |
| D15 | :UZL-11(M2) |
| D17 | :UZ-11BS(B) |
| D19,21,23,25 | :1SS184 |
| D20,22,24,26 | :1SS181 |
| D31,36 | :1SS355 |
| D32 | :B30-1419-05 |

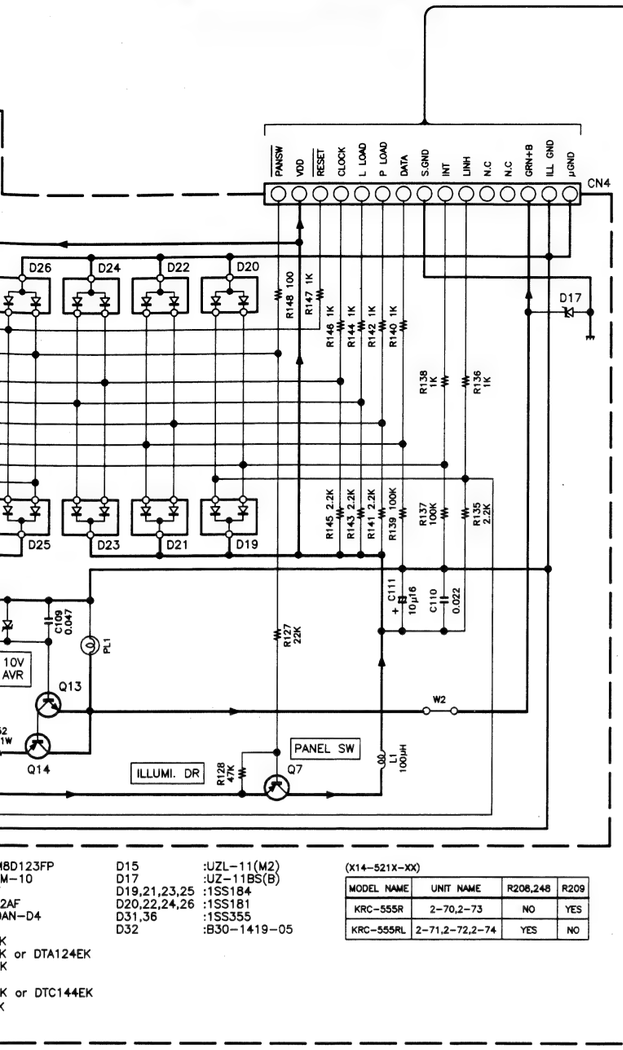
(X14-521X-XX)

| MODEL NAME | UNIT NAME | R208,248 | R209 |
|---|---|---|---|
| KRC-555R | 2-70,2-73 | NO | YES |
| KRC-555RL | 2-71,2-72,2-74 | YES | NO |




**CAUTION :** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

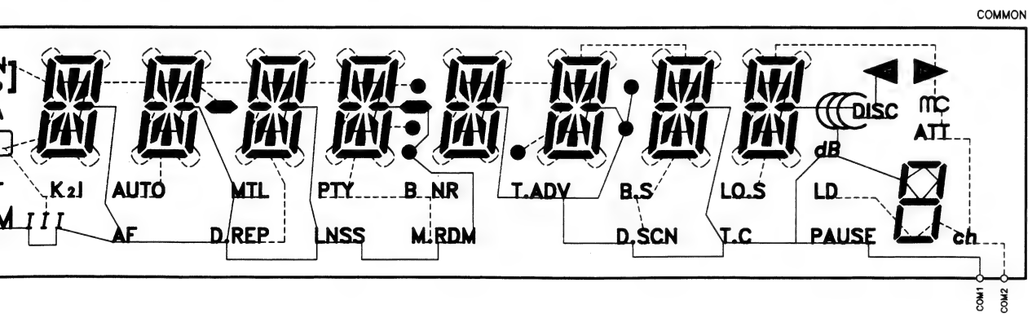
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instru or/and units.



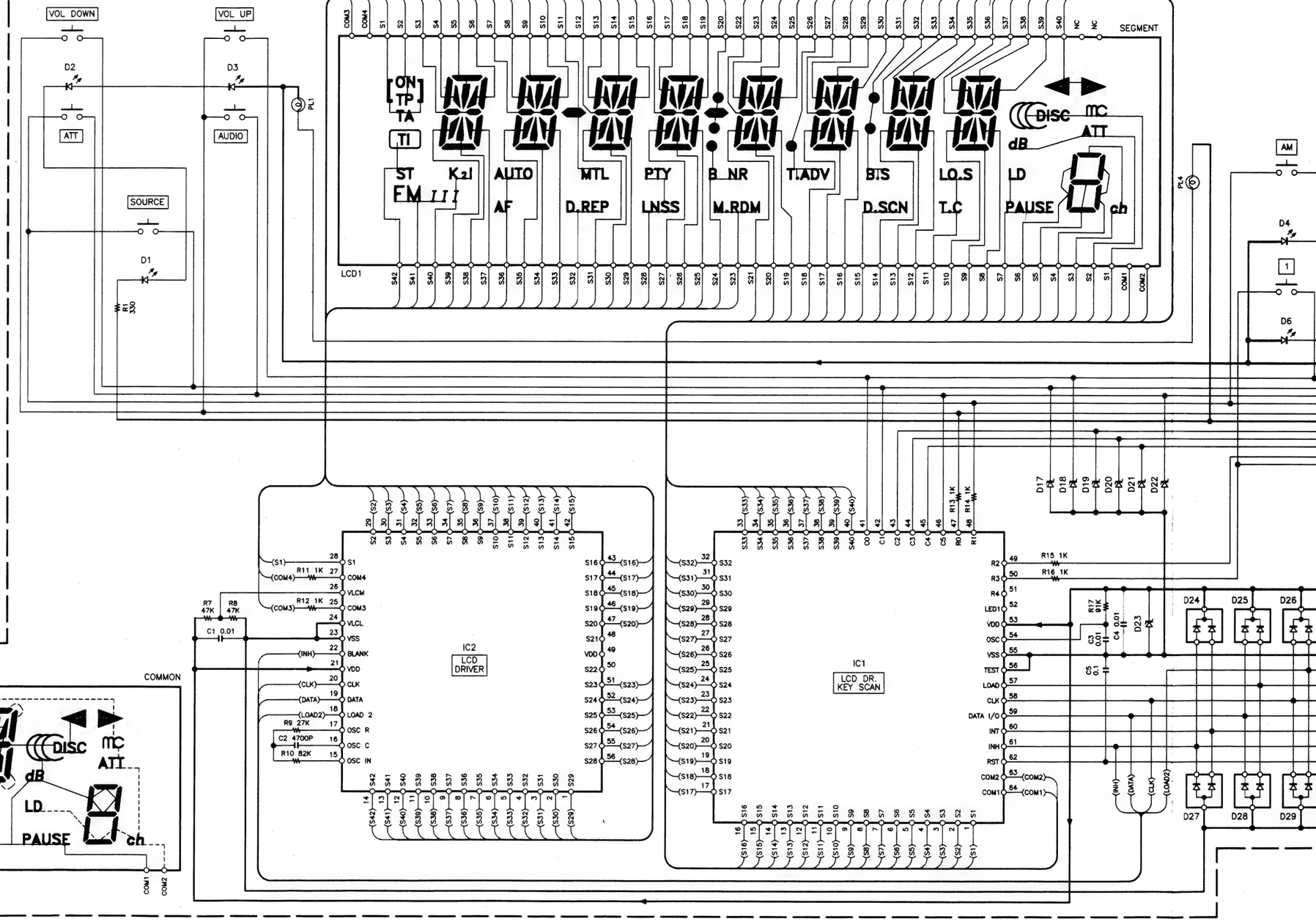

| | | |
|---|---|---|
| 8D123FP | D15 | :UZL-11(M2) |
| M-10 | D17 | :UZ-11BS(B) |
| 2AF | D19,21,23,25 | :1SS184 |
| AN-D4 | D20,22,24,26 | :1SS181 |
| | D31,36 | :1SS355 |
| | D32 | :B30-1419-05 |
| K | | |
| K or DTA124EK | | |
| K | | |
| K or DTC144EK | | |
| K | | |

(X14-521X-XX)

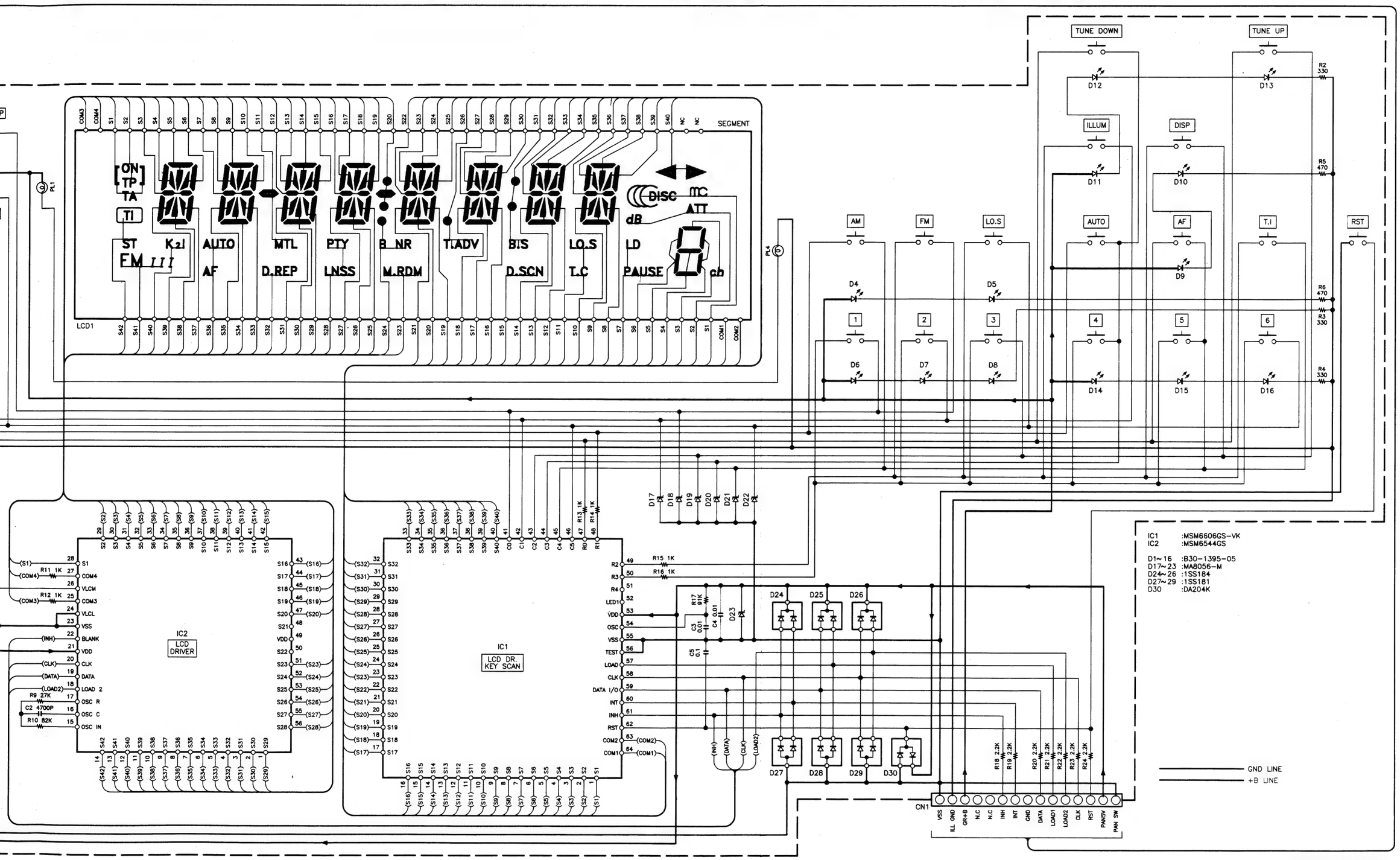
| MODEL NAME | UNIT NAME | R208,248 | R209 |
|---|---|---|---|
| KRC-555R | 2-70,2-73 | NO | YES |
| KRC-555RL | 2-71,2-72,2-74 | YES | NO |




(X25-7142-73)




DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.




IC1 :MSM6606GS-VK
IC2 :MSM6544GS

D1~16 :B30-1395-05
D17~23 :MA8056-M
D24~26 :1SS184
D27~29 :1SS181
D30 :DA204K

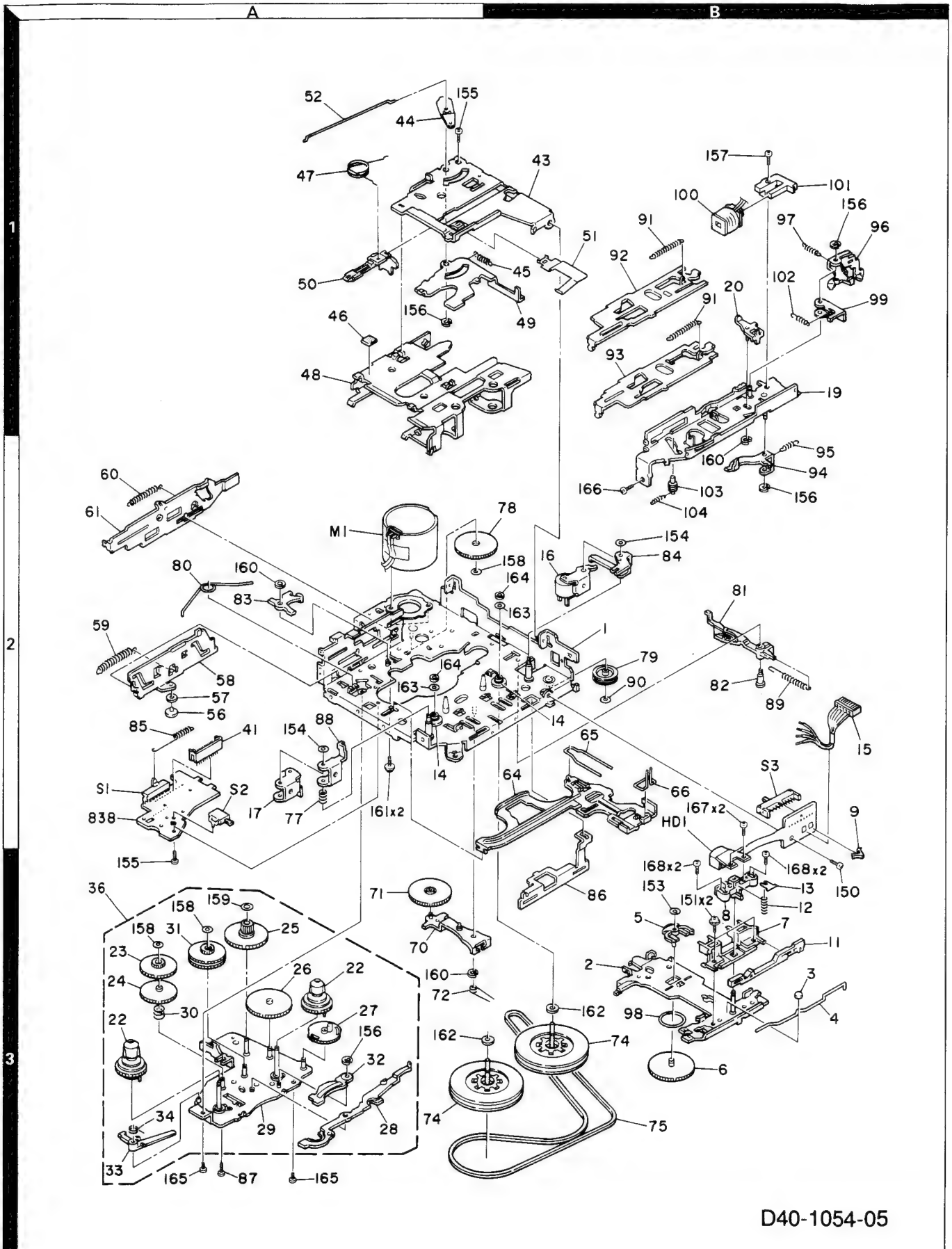
KRC-555R/RL(E)(2/2)

# KRC-555R/RL

KENWOOD

Y36-1902-70

# EXPLODED VIEW (MECHANISM)

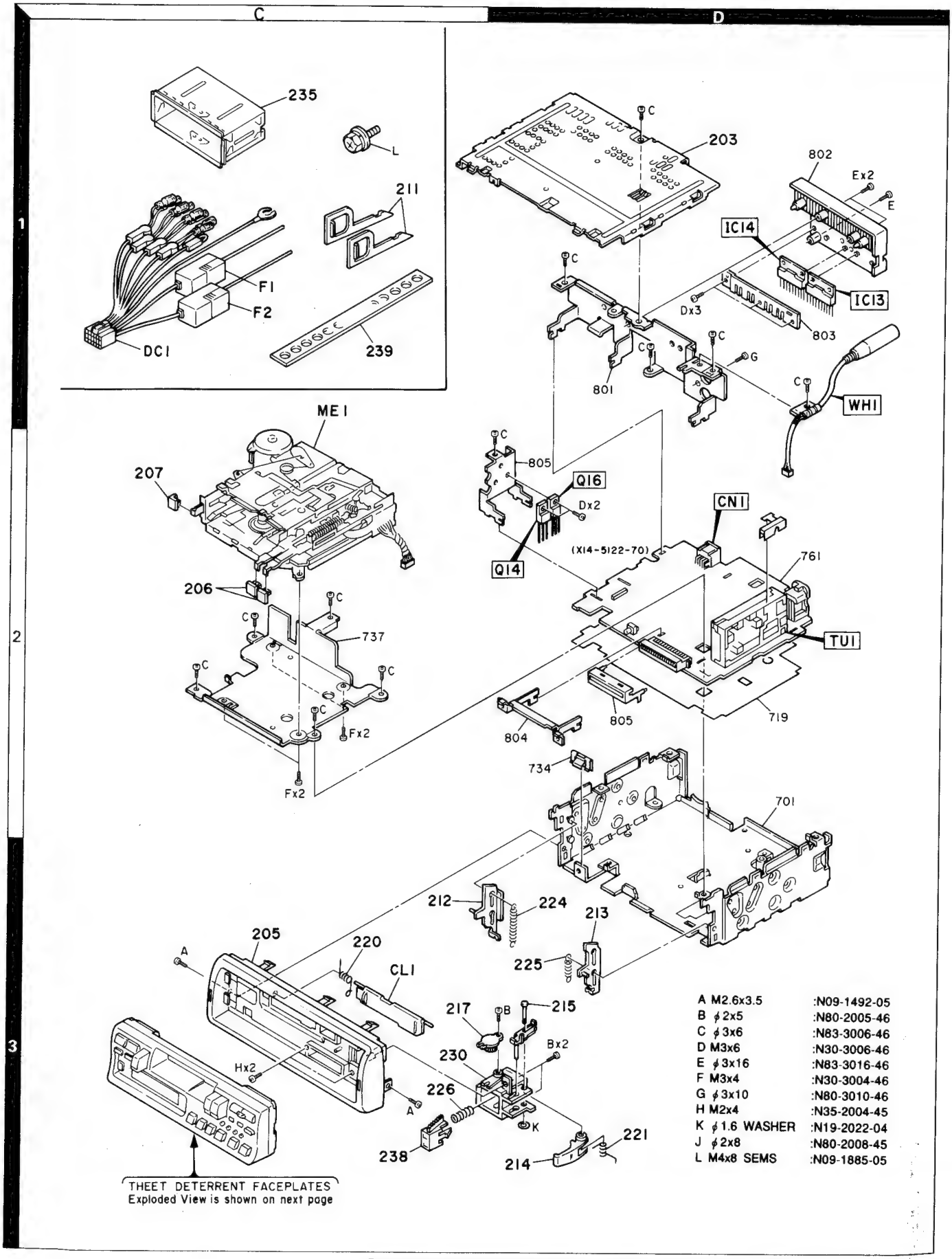



D40-1054-05

Parts with the exploded numbers larger than 700 are not supplied.

# KRC-555R/RL

## EXPLODED VIEW (UNIT)

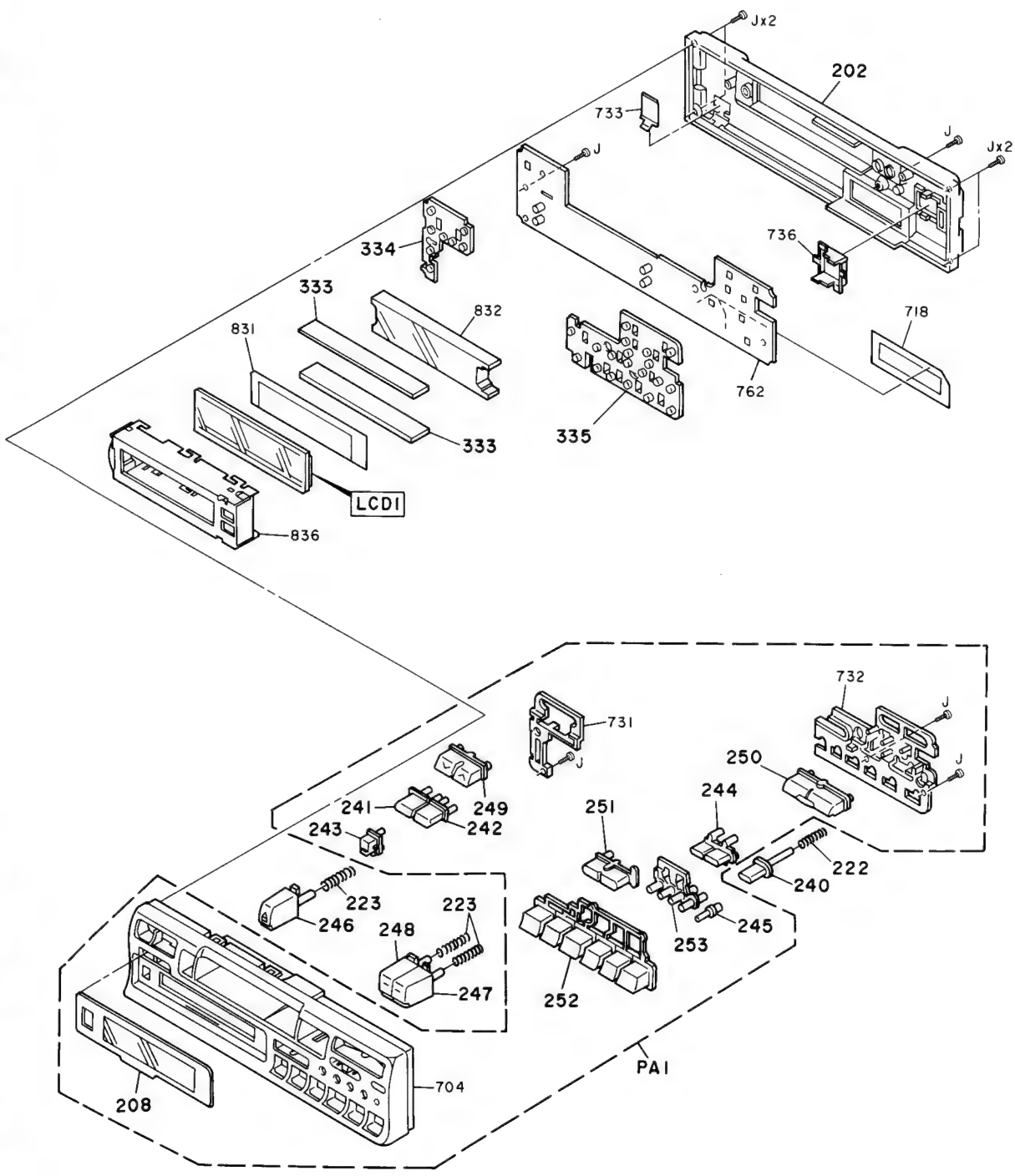



| | |
|---|---|
| A M2.6x3.5 | :N09-1492-05 |
| B ϕ2x5 | :N80-2005-46 |
| C ϕ3x6 | :N83-3006-46 |
| D M3x6 | :N30-3006-46 |
| E ϕ3x16 | :N83-3016-46 |
| F M3x4 | :N30-3004-46 |
| G ϕ3x10 | :N80-3010-46 |
| H M2x4 | :N35-2004-45 |
| K ϕ1.6 WASHER | :N19-2022-04 |
| J ϕ2x8 | :N80-2008-45 |
| L M4x8 SEMS | :N09-1885-05 |



**Parts with the exploded numbers larger than 700 are not supplied.**

# EXPLODED VIEW (UNIT)




Parts with the exploded numbers larger than 700 are not supplied.

# KRC-555R/RL

## PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

| Ref No. 参照番号 | | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|---|
| **KRC-555R/RL** | | | | |
| 202 | 1F | * | A46-1222-01 | REAR COVER |
| 203 | 1D | * | A52-0669-02 | TOP COVER |
| CL1 | 3C | * | A53-1589-03 | CASSETTE LID |
| PA1 | 3E | * | A64-0271-02 | PANEL ASSY (KRC-555R) |
| PA1 | 3E | * | A64-0272-02 | PANEL ASSY (KRC-555RL) |
| 205 | 3C | * | B01-0876-01 | PANEL ESCUTCHEON |
| 206 | 2C | | B09-0513-04 | CAP |
| 207 | 2C | | B09-0519-04 | CAP |
| 208 | 3E | * | B10-1576-03 | FRONT GLASS |
| - | | | B46-0100-30 | WARRANTY CARD |
| - | | | B46-0182-14 | ID CARD (KRC-555R) |
| - | | | B46-0606-04 | ID CARD (KRC-555RL) |
| - | | * | B64-0400-00 | INSTRUCTION MANUAL (E,N) |
| - | | * | B64-0401-00 | INSTRUCTION MANUAL (F,D) |
| - | | * | B64-0402-00 | INSTRUCTION MANUAL (I,S) |
| 210 | 3D | | D10-2776-14 | LEVER ASSY |
| 211 | 1C | | D10-2834-04 | LEVER |
| 212 | 3D | | D10-2836-04 | LEVER |
| 213 | 3D | * | D10-2888-04 | LEVER |
| 214 | 3D | * | D10-2889-04 | ARM |
| 215 | 3D | | D21-2127-04 | SHAFT |
| 217 | 3C | | D39-0211-05 | DAMPER |
| ME1 | 2C | | D40-1054-05 | CASSETTE MECHANISM ASSY |
| ⚠ DC1 | 1C | * | E30-4135-05 | DC CORD |
| F1,2 | 1C | | F06-5024-05 | FUSE (5A) |
| 220 | 3C | | G01-2525-04 | TORSION COIL SPRING |
| 221 | 3D | * | G01-2632-34 | TORSION COIL SPRING |
| 222 | 2F | | G01-2645-04 | COMPRESSION SPRING |
| 223 | 3E | | G01-2646-04 | COMPRESSION SPRING |
| 224 | 3D | | G01-2654-04 | EXTENSION SPRING |
| 225 | 3D | * | G01-2678-04 | EXTENSION SPRING |
| 226 | 3C | * | G01-2694-04 | COMPRESSION SPRING |
| - | | | H10-4460-02 | POLYSTYRENE FOAMED FIXTURE |
| - | | | H25-0329-04 | PROTECTION BAG (280X450X0.03) |
| - | | | H25-0337-04 | PROTECTION BAG (180X300X0.03) |
| - | | | H25-1111-04 | PROTECTION BAG (280X450X0.03) |
| - | | * | H54-0215-04 | ITEM CARTON CASE (KRC-555R) |
| - | | * | H54-0216-04 | ITEM CARTON CASE (KRC-555RL) |
| - | | * | H64-0237-04 | OUTER CARTON CASE (KRC-555R) |
| - | | * | H64-0238-04 | OUTER CARTON CASE (KRC-555RL) |
| 230 | 3D | | J19-4466-32 | HOLDER |
| 235 | 1C | | J21-7473-01 | MOUNTING HARDWARE (CASE) |
| 238 | 3C | | J52-0037-14 | MAGNET CATCH |
| 239 | 1C | | J54-0071-04 | STAY |
| 240 | 3F | | K24-1323-04 | KNOB (RELEASE) |
| 241 | 2E | * | K24-1453-04 | KNOB (ATT) |
| 242 | 2E | * | K24-1454-04 | KNOB (AUDIO) |
| 243 | 2E | * | K24-1455-04 | KNOB (SOURCE) |
| 244 | 2F | * | K24-1456-03 | KNOB (DISP) |
| 245 | 3F | * | K24-1458-04 | KNOB (RESET) |
| 246 | 3E | * | K24-1459-04 | KNOB (EJECT) |
| 247 | 3E | * | K24-1460-04 | KNOB (FF) |
| 248 | 3E | * | K24-1461-04 | KNOB (REW) |
| 249 | 2E | * | K25-0638-03 | KNOB (VOL) |
| 250 | 2F | * | K25-0639-03 | KNOB (TUNE) |
| 251 | 2F | * | K25-0640-03 | KNOB (AM/FM) |
| 252 | 3F | * | K25-0641-03 | KNOB (PRESET 1-6) |
| 253 | 3F | * | K25-0642-03 | KNOB (AF·TI) |
| A | 3C | | N09-1492-05 | MACHINE SCREW (2.6X3.5,ナベ) |
| B | 3D | | N80-2005-46 | PAN HEAD TAPTITE SCREW |
| C | 1D | | N83-3006-46 | PAN HEAD TAPTITE SCREW |
| F | 2C | | N30-3004-46 | PAN HEAD MACHINE SCREW |
| H | 3C | | N35-2004-45 | BINDING HEAD MACHINE SCREW |
| J | 2F | | N80-2008-45 | PAN HEAD TAPTITE SCREW |
| K | 3D | | N19-2022-04 | FLAT WASHER |
| L | 1C | | N09-1885-05 | SEMS (MACHINE SCREW) |

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 | | |
|---|---|---|---|---|---|
| **SYNTHESIZER UNIT (X14-5212-XX) -73 : 555R, -74 : 555RL** | | | | | |
| D32 | * | B30-1419-05 | LED | | |
| PL1 | * | B30-1425-05 | LAMP | | |
| BA1 | | C90-1827-05 | BACKUP | 0.047F | 5.5WV |
| C1 ,2 | | CE04CW1C100M | ELECTRO | 10UF | 16WV |
| C3 ,4 | | CE04CW1A330M | ELECTRO | 33UF | 10WV |
| C5 ,6 | | CC73FSL1H821J | CHIP C | 820PF | J |
| C7 ,8 | * | C93-1054-05 | CERAMIC | 0.012UF | K |
| C9 ,10 | | CE04CW1H0R1M | ELECTRO | 0.1UF | 50WV |
| C11 ,12 | | CK73EB1E104K | CHIP C | 0.10UF | K |
| C13 | | CE04CW1H010M | ELECTRO | 1.0UF | 50WV |
| C15 | | CE04CW1A101M | ELECTRO | 100UF | 10WV |
| C16 | | CE04CW1C100M | ELECTRO | 10UF | 16WV |
| C17 | | CE04CW1HR33M | ELECTRO | 0.33UF | 50WV |
| C18 | | CK73FB1H103K | CHIP C | 0.010UF | K |
| C19 | | CK73FB1H472K | CHIP C | 4700PF | K |
| C21 ,22 | | C91-2040-05 | CERAMIC | 0.010UF | Z |
| C23 ,24 | | CE04DW1H100M | ELECTRO | 10UF | 50WV |
| C25 ,26 | | CE04DW1H2R2M | ELECTRO | 2.2UF | 50WV |
| C27 ,28 | | CK73FB1H152K | CHIP C | 1500PF | K |
| C29 -32 | | CK73EB1E224K | CHIP C | 0.22UF | K |
| C33 ,34 | | CE04CW1H2R2M | ELECTRO | 2R2UF | 50WV |
| C35 ,36 | | CK73FB1H152K | CHIP C | 1500PF | K |
| C37 -40 | | CK73EB1E224K | CHIP C | 0.22UF | K |
| C41 ,42 | | C90-2681-05 | ELECTRO | 33UF | 16WV |
| C45 ,46 | | CK73FB1H102K | CHIP C | 1000PF | K |
| C47 | | CK73EB1H102K | CHIP C | 1000PF | K |
| C48 ,49 | | CE04CW1A101M | ELECTRO | 100UF | 10WV |
| C50 | | CK73FB1H103K | CHIP C | 0.010UF | K |
| C51 ,52 | | CK73FB1H472K | CHIP C | 4700PF | K |
| C53 ,54 | | CK73FB1E473KTA | CHIP C | 0.047UF | K |
| C55 ,56 | | CK73EB1E184K | CHIP C | 0.18UF | K |
| C59 ,60 | | CE04CW1HR22M | ELECTRO | 0.22UF | 50WV |
| C63 ,64 | | CE04CW1E4R7M | ELECTRO | 4.7UF | 25WV |
| C67 ,68 | | CE04CW1E4R7M | ELECTRO | 4.7UF | 25WV |
| C69 | | CK73FB1E333KTA | CHIP C | 0.033UF | K |
| C70 | | CE04CW1A470M | ELECTRO | 47UF | 10WV |
| C77 ,78 | | CC73FCH1H101J | CHIP C | 100PF | J |

**E**: Europe **W**: Without Europe **P**: Canada **X**: Australia
**K**: U.S.A. and Canada **M**: Without Europe, U.S.A. and Canada

⚠ indicates safety critical components.

# PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

## SYNTHESIZER UNIT (X14-5212-XX)

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| C79 | | CE04CW1H010M | ELECTRO 1.0UF 50WV |
| C83 -85 | | CK73FB1H103K | CHIP C 0.010UF K |
| C101 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C102 | | C90-2765-05 | ELECTRO 2200UF 16WV |
| C103 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C104 | | C90-2765-05 | ELECTRO 2200UF 16WV |
| C105,106 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C109 | | CK73FB1E473KTA | CHIP C 0.047UF K |
| C110 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C111 | | CE04CW1C100M | ELECTRO 10UF 16WV |
| C113 | | CK73EB1H223K | CHIP C 0.022UF K |
| C114,115 | | CE04CW1C100M | ELECTRO 10UF 16WV |
| C116 | | CK73FB1H103K | CHIP C 0.010UF K |
| C117 | | CE04CW1C100M | ELECTRO 10UF 16WV |
| C118 | | C92-0009-05 | CHIP TAN 4.7UF 10WV |
| C119 | | CE04CW1C100M | ELECTRO 10UF 16WV |
| C120 | | CE04CW1E4R7M | ELECTRO 4.7UF 25WV |
| C121 | | CE04CW1A101M | ELECTRO 100UF 10WV |
| C122,123 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C124,125 | | CE04CW1C100M | ELECTRO 10UF 16WV |
| C126 | | CK73EB1E104K | CHIP C 0.10UF K |
| C127,128 | | CC73FCH1H220J | CHIP C 22PF J |
| C129,130 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C131 | | CE04CW1A101M | ELECTRO 100UF 10WV |
| C132 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C133 | | CF92V1H332J | MF 3300PF J |
| C134 | | C91-2042-05 | CERAMIC 0.015UF Z |
| C135 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C136 | | CE04CW1A101M | ELECTRO 100UF 10WV |
| C137 | | CK73EB1E683K | CHIP C 0.068UF K |
| C138 | * | C90-2807-05 | ELECTRO 0.47UF 35WV |
| C139 | | CK73FB1E473KTA | CHIP C 0.047UF K |
| C140,141 | | CC73FCH1H270J | CHIP C 27PF J |
| C142 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C143 | | CE04CW1C100M | ELECTRO 10UF 16WV |
| C144,145 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C146 | | CK73EB1E683K | CHIP C 0.068UF K |
| C147 | | CE04DW1A101M | ELECTRO 100UF 10WV |
| C148 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C149 | | CE04CW1H010M | ELECTRO 1.0UF 50WV |
| C150 | | CK73FB1E273KTA | CHIP C 0.027UF K |
| C151 | | CK73EB1E104K | CHIP C 0.10UF K |
| C152 | | CK73FB1H472K | CHIP C 4700PF K |
| C153 | | CK73FB1H222K | CHIP C 2200PF K |
| C154 | | CK73FB1H102K | CHIP C 1000PF K |
| C155 | | CK73FB1H122K | CHIP C 1200PF K |
| C156 | | CC73FCH1H101J | CHIP C 100PF J |
| C157 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C158 | | CK73FB1H221K | CHIP C 220PF K |
| C159,160 | | CK73FB1H561K | CHIP C 560PF K |
| C161 | | CK73FB1H103K | CHIP C 0.010UF K |
| C162,163 | | CE04CW1C100M | ELECTRO 10UF 16WV |
| C164 | | CE04CW1H2R2M | ELECTRO 2R2UF 50WV |
| C165 | | CK73FB1H331K | CHIP C 330PF K |
| C166 | | CK73FB1H103K | CHIP C 0.010UF K |

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| C167 | | CK73FB1H561K | CHIP C 560PF K |
| C168 | | CE04CW1A330M | ELECTRO 33UF 10WV |
| C169 | | CC73FCH1H820J | CHIP C 82PF J |
| C170 | | CC73FCH1H470J | CHIP C 47PF J |
| C171 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C172 | | CE04CW1H010M | ELECTRO 1.0UF 50WV |
| C173 | | CK73FB1H681K | CHIP C 680PF K |
| C174 | | CK73EB1E224K | CHIP C 0.22UF K |
| C175 | | CE04CW1H010M | ELECTRO 1.0UF 50WV |
| C176 | | CE04CW1E4R7M | ELECTRO 4.7UF 25WV |
| C177 | | CE04CW1HR47M | ELECTRO 0.47UF 50WV |
| C178 | | CC73FSL1H102J | CHIP C 1000PF J |
| C179 | | CK73FB1H681K | CHIP C 680PF K |
| C180 | | CE04CW1C100M | ELECTRO 10UF 16WV |
| C181 | | CC73FCH1H120J | CHIP C 12PF J |
| C182 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C183 | | CE04CW1H010M | ELECTRO 1.0UF 50WV |
| C184 | | CK73FB1H102K | CHIP C 1000PF K |
| C185,186 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C187 | | CE04CW1H010M | ELECTRO 1.0UF 50WV |
| C188 | | CE04CW1A101M | ELECTRO 100UF 10WV |
| C189 | | CE04CW1A220M | ELECTRO 22UF 10WV |
| C190 | | CK73FB1H223KTA | CHIP C 0.022UF K |
| C191,192 | | CK73FB1H272K | CHIP C 2700PF K |
| C193 | | CK73FB1H102K | CHIP C 1000PF K |
| C194 | | CK73FB1H152K | CHIP C 1500PF K |
| C195,196 | | CK73FB1H153KTA | CHIP C 0.015UF K |
| C197 | | CK73FB1H332K | CHIP C 3300PF K |
| C198 | | CK73FB1H122K | CHIP C 1200PF K |
| C199 | | CK73FB1H682K | CHIP C 6800PF K |
| C200 | | CE04CW1H010M | ELECTRO 1.0UF 50WV |
| C201 | | CE04CW1A330M | ELECTRO 33UF 10WV |
| C202 | | CK73FB1H222K | CHIP C 2200PF K |
| C204 | | CK73FB1H103K | CHIP C 0.010UF K |
| C205 | | C93-1026-05 | CERAMIC 0.33UF 16WV |
| C207 | | CK73FB1H103K | CHIP C 0.010UF K |
| C208 | | CE04CW1H010M | ELECTRO 1.0UF 50WV |
| C209 | | CK73FB1H103K | CHIP C 0.010UF K |
| CN1 | | E58-0825-05 | RECTANGULAR RECEPTACLE |
| CN3 | | E40-3240-05 | PIN ASSY |
| CN4 | * | E58-0827-05 | RECTANGULAR RECEPTACLE |
| J1 | | E13-0235-05 | PHONO JACK |
| TP1 | | E40-9184-05 | PIN ASSY |
| TP2 | | E40-3640-05 | PIN ASSY |
| WH1 | | E30-4126-05 | CORD WITH PLUG (ANT) |
| WH2 | * | E39-0054-05 | WIRING HARNESS |
| CF1 ,2 | | L72-0716-05 | CERAMIC FILTER |
| L1 | | L40-1011-17 | SMALL FIXED INDUCTOR |
| L2 ,3 | | L40-4791-17 | SMALL FIXED INDUCTOR(4.7UH,K) |
| L4 | | L40-1011-17 | SMALL FIXED INDUCTOR |
| L5 -7 | | L40-4791-17 | SMALL FIXED INDUCTOR(4.7UH,K) |
| L8 | | L30-0719-05 | FM IFT |
| L9 ,10 | | L40-1011-17 | SMALL FIXED INDUCTOR |
| X1 | | L77-2003-05 | CRYSTAL RESONATOR(8.388608MHZ) |

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⚠ indicates safety critical components.

# KRC-555R/RL

## PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| X2 | | L77-1166-05 | CRYSTAL RESONATOR |
| X3 | | L77-2002-05 | CRYSTAL RESONATOR(4.3320MHZ) |
| X4 | | L78-0525-05 | RESONATOR |
| C 1D | | N83-3006-46 | PAN HEAD TAPTITE SCREW |
| D 2D | | N30-3006-46 | PAN HEAD MACHINE SCREW |
| E 1D | | N83-3016-46 | PAN HEAD TAPTITE SCREW |
| G 1D | | N80-3010-46 | PAN HEAD TAPTITE SCREW |
| R1 ,2 | | RK73FB2A151J | CHIP R 150 J 1/10W |
| R3 ,4 | | RK73FB2A753J | CHIP R 75K J 1/10W |
| R5 ,6 | | RK73FB2A334J | CHIP R 330K J 1/10W |
| R7 ,8 | | RK73FB2A123J | CHIP R 12K J 1/10W |
| R9 ,10 | | RK73FB2A153J | CHIP R 15K J 1/10W |
| R11 | | RK73FB2A183J | CHIP R 18K J 1/10W |
| R14 | | RK73FB2A134J | CHIP R 130K J 1/10W |
| R15 | | RK73FB2A203J | CHIP R 20K J 1/10W |
| R16 | | RK73FB2A333J | CHIP R 33K J 1/10W |
| R19 ,20 | | RK73FB2A272J | CHIP R 2.7K J 1/10W |
| R21 ,22 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R25 ,26 | | RK73FB2A153J | CHIP R 15K J 1/10W |
| R27 ,28 | | RK73FB2A302J | CHIP R 3.0K J 1/10W |
| R29 -32 | | RK73EB2B2R2J | CHIP R 2.2 J 1/8W |
| R33 ,34 | | RK73FB2A153J | CHIP R 15K J 1/10W |
| R35 ,36 | | RK73FB2A302J | CHIP R 3.0K J 1/10W |
| R37 -40 | | RK73EB2B2R2J | CHIP R 2.2 J 1/8W |
| R41 ,42 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R46 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R49 ,50 | | RK73FB2A332J | CHIP R 3.3K J 1/10W |
| R51 ,52 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R61 ,62 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R99 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R100 | | RK73FB2A912J | CHIP R 9.1K J 1/10W |
| R101 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R103 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R104 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R105 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R107 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R108 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R111 | | RK73EB2B104J | CHIP R 100K J 1/8W |
| R114 | | RK73EB2B104J | CHIP R 100K J 1/8W |
| R118 | | RK73EB2B104J | CHIP R 100K J 1/8W |
| R121,122 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R123 | | RD14DB2H561J | SMALL-RD 560 J 1/2W |
| R124 | | RD14DB2H102J | SMALL-RD 1.0K J 1/2W |
| R125,126 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R127 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R128 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R134 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R135 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R137 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R139 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R141 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R143 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R145 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R152 | | R92-2104-05 | CHIP R 2.2 J 1W |

### SYNTHESIZER UNIT (X14-5212-XX)

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| R153 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R154,155 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R156 | | RK73EB2B331J | CHIP R 330 J 1/8W |
| R157,158 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R159,160 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R162 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R163 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R165 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R166 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R167 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R168-170 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R171,172 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R174 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R175-177 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R178 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R179 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R180 | | RK73FB2A124J | CHIP R 120K J 1/10W |
| R181-183 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R184,185 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R186,187 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R189 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R191 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R192 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R193-195 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R196 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R197 | | RK73EB2B102J | CHIP R 1.0K J 1/8W |
| R198 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R199 | | RK73EB2B102J | CHIP R 1.0K J 1/8W |
| R200 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R201-204 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R205 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R206 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R208 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R209 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R210,211 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R212 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R213-215 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R216-218 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R221 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R222 | | RK73EB2B221J | CHIP R 220 J 1/8W |
| R225 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R226,227 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R229 | | RK73FB2A153J | CHIP R 15K J 1/10W |
| R230 | | RK73FB2A822J | CHIP R 8.2K J 1/10W |
| R231 | | RK73FB2A751J | CHIP R 750 J 1/10W |
| R232 | | RK73FB2A113J | CHIP R 11K J 1/10W |
| R233 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R234 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R235 | | RK73FB2A470J | CHIP R 47 J 1/10W |
| R236 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R237 | | RK73FB2A562J | CHIP R 5.6K J 1/10W |
| R238 | | RK73FB2A822J | CHIP R 8.2K J 1/10W |
| R239 | | RK73FB2A221J | CHIP R 220 J 1/10W |
| R240 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R241 | | RK73FB2A473J | CHIP R 47K J 1/10W |

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⚠ indicates safety critical components.

# PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
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Teile ohne Parts No. werden nicht geliefert.

## SYNTHESIZER UNIT (X14-5212-XX)

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| R242 | | RK73EB2B331J | CHIP R 330 J 1/8W |
| R246 | | RK73EB2B101J | CHIP R 100 J 1/8W |
| R248 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R249 | | RK73EB2B4R7J | CHIP R 4.7 J 1/8W |
| R250 | | RK73FB2A471J | CHIP R 470 J 1/10W |
| R251 | | RK73FB2A241J | CHIP R 240 J 1/10W |
| R252 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R254 | | RK73FB2A122J | CHIP R 1.2K J 1/10W |
| R255 | | RK73FB2A331J | CHIP R 330 J 1/10W |
| R256 | | RK73FB2A752J | CHIP R 7.5K J 1/10W |
| R257 | | RK73FB2A622J | CHIP R 6.2K J 1/10W |
| R258 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R259 | | RK73FB2A363J | CHIP R 36K J 1/10W |
| R260 | | RK73FB2A822J | CHIP R 8.2K J 1/10W |
| R261 | | RK73FB2A562J | CHIP R 5.6K J 1/10W |
| R262 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R263 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R264 | | RK73FB2A752J | CHIP R 7.5K J 1/10W |
| R265 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R266,267 | | RK73FB2A104J | CHIP R 100K J 1/10W |
| R268 | | RK73FB2A752J | CHIP R 7.5K J 1/10W |
| R269 | | RK73FB2A332J | CHIP R 3.3K J 1/10W |
| R270,271 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R272 | | RK73FB2A101J | CHIP R 100 J 1/10W |
| R273 | | RK73FB2A100J | CHIP R 10 J 1/10W |
| R276 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R277 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R301 | | RK73FB2A332J | CHIP R 3.3K J 1/10W |
| R302 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R303 | | RK73FB2A562J | CHIP R 5.6K J 1/10W |
| R304 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R305 | | RK73FB2A393J | CHIP R 39K J 1/10W |
| R306 | | RK73FB2A362J | CHIP R 3.6K J 1/10W |
| R307 | | RK73FB2A331J | CHIP R 330 J 1/10W |
| R308 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R309 | | RK73FB2A512J | CHIP R 5.1K J 1/10W |
| R311 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| R312 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R313 | | RK73FB2A752J | CHIP R 7.5K J 1/10W |
| R314 | | RK73FB2A153J | CHIP R 15K J 1/10W |
| R315,316 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R317 | | RK73FB2A683J | CHIP R 68K J 1/10W |
| R318 | | RK73FB2A682J | CHIP R 6.8K J 1/10W |
| R319 | | RK73FB2A752J | CHIP R 7.5K J 1/10W |
| R320 | | RK73FB2A513J | CHIP R 51K J 1/10W |
| R321 | | RK73FB2A472J | CHIP R 4.7K J 1/10W |
| R322 | | RK73FB2A512J | CHIP R 5.1K J 1/10W |
| R323 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |
| R324 | | RK73FB2A822J | CHIP R 8.2K J 1/10W |
| R325 | | RK73FB2A223J | CHIP R 22K J 1/10W |
| R326 | | RK73FB2A103J | CHIP R 10K J 1/10W |
| VR1 ,2 | | R12-0678-05 | TRIMMING PØT.(10K ﾌﾞ) |
| VR3 | | R12-0679-05 | TRIMMING PØT.(22K ﾌﾞ) |
| VR4 ,5 | | R12-0680-05 | TRIMMING PØT.(47K ﾌﾞ) |
| VR6 | | R12-0678-05 | TRIMMING PØT.(10K ﾌﾞ) |

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| W1 ,2 | | R92-2052-05 | CHIP R 0 J 1/10W |
| D1 -3 | | AM01Z | DIØDE |
| D1 -3 | | ERA15-01 | DIØDE |
| D4 | * | UZL-6(L3) | ZENER DIØDE |
| D5 ,6 | * | UZL-7(L3) | ZENER DIØDE |
| D13 ,14 | | AM01Z | DIØDE |
| D13 ,14 | | ERA15-01 | DIØDE |
| D15 | * | UZL-11(M2) | ZENER DIØDE |
| D17 | * | UZ-11BS(B) | ZENER DIØDE |
| D19 | | 1SS184 | DIØDE |
| D20 | | 1SS181 | DIØDE |
| D21 | | 1SS184 | DIØDE |
| D22 | | 1SS181 | DIØDE |
| D23 | | 1SS184 | DIØDE |
| D24 | | 1SS181 | DIØDE |
| D25 | | 1SS184 | DIØDE |
| D26 | | 1SS181 | DIØDE |
| D27 ,28 | | 1SS355 | DIØDE |
| D29 ,42 | | 1SS184 | DIØDE |
| D31 | | 1SS355 | DIØDE |
| D33 | | DA204K | DIØDE |
| D34 | | 1SS355 | DIØDE |
| D35 | | 1SS133 | DIØDE |
| D36 ,37 | | 1SS355 | DIØDE |
| D38 | | 1SS133 | DIØDE |
| D43 | | AM01Z | DIØDE |
| IC1 | * | M38067M8D123FP | MI-CØM IC |
| IC2 | | LC3564QM-10 | IC |
| IC3 | * | BU2090F | MØS-IC |
| IC4 | | TC74HC02AF | IC |
| IC5 | | S-80740AN-D4 | IC |
| IC6 | | SAA6579T | IC |
| IC7 | | NJM4565M | IC(ØP AMP X2) |
| IC8 | | LA1862M | IC |
| IC9 | | LM7001M | ANALØG IC |
| IC10 | | TC4W66F | IC |
| IC11 | * | HA12163FP | ANALØG IC |
| IC12 | | TEA6320T | ANALØG IC |
| IC13,14 | | AN7190K | ANALØG IC |
| IC15 | | BA3913-V4 | ANALØG IC |
| Q3 ,4 | | 2SC2412K | TRANSISTØR |
| Q5 ,6 | | 2SA1428 | TRANSISTØR |
| Q7 | | 2SA1036K | TRANSISTØR |
| Q10 | | 2SC2412K | TRANSISTØR |
| Q11 | | DTA144EK | DIGITAL TRANSISTØR |
| Q12 | | DTA124EK | DIGITAL TRANSISTØR |
| Q12 | | XDA124EK | TRANSISTØR |
| Q13 | | 2SC2412K | TRANSISTØR |
| Q14 | | 2SB1565 | TRANSISTØR |
| Q15 | | DTC144EK | DIGITAL TRANSISTØR |
| Q15 | | XDC144EK | TRANSISTØR |
| Q16 | * | 2SD2396 | TRANSISTØR |
| Q17 | | DTB123YK | DIGITAL TRANSISTØR |
| Q18 -20 | | DTC144EK | DIGITAL TRANSISTØR |

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# KRC-555R/RL

## PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
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Teile ohne Parts No. werden nicht geliefert.

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| Q18 -20 | | XDC144EK | TRANSISTOR |
| Q23 ,24 | | DTC144EK | DIGITAL TRANSISTOR |
| Q23 ,24 | | XDC144EK | TRANSISTOR |
| Q25 | | 2SK536 | FET |
| Q26 | | DTC144EK | DIGITAL TRANSISTOR |
| Q26 | | XDC144EK | TRANSISTOR |
| Q27 | | 2SA1037K | TRANSISTOR |
| Q28 | | 2SK536 | FET |
| Q29 | | 2SC2413K | TRANSISTOR |
| Q30 | | DTC144EK | DIGITAL TRANSISTOR |
| Q30 | | XDC144EK | TRANSISTOR |
| Q31 ,32 | | DTA144EK | DIGITAL TRANSISTOR |
| Q32 | | DTA144EK | DIGITAL TRANSISTOR |
| Q33 | | DTC114TK | DIGITAL TRANSISTOR |
| Q34 | | 2SC2412K | TRANSISTOR |
| Q35 | | DTA144EK | DIGITAL TRANSISTOR |
| Q36 | | DTC114TK | DIGITAL TRANSISTOR |
| Q37 | | DTC144EK | DIGITAL TRANSISTOR |
| Q37 | | XDC144EK | TRANSISTOR |
| Q38 | | 2SC2412K | TRANSISTOR |
| Q39 ,40 | | DTA144EK | DIGITAL TRANSISTOR |
| Q41 | | 2SC2412K | TRANSISTOR |
| Q42 | | DTA144EK | DIGITAL TRANSISTOR |
| Q43 | | DTC144EK | DIGITAL TRANSISTOR |
| Q43 | | XDC144EK | TRANSISTOR |
| Q44 | | 2SC2412K | TRANSISTOR |
| Q45 | | DTC114TK | DIGITAL TRANSISTOR |
| Q46 | | DTC144EK | DIGITAL TRANSISTOR |
| Q46 | | XDC144EK | TRANSISTOR |
| Q47 | | DTA144EK | DIGITAL TRANSISTOR |
| TU1 2D | * | W02-1433-05 | FM/AM FRONT-END (KRC-555R) |
| TU1 2D | * | W02-1434-05 | FM/AM FRONT-END (KRC-555RL) |

### SWITCH UNIT (X25-7142-75)

| | | | |
|---|---|---|---|
| D1 -16 | | B30-1395-05 | LED |
| LCD1 2E | * | B38-0607-05 | LIQUID CRYSTAL |
| PL1 | | B30-1306-05 | LAMP (5.5V .125A) |
| PL4 | | B30-1306-05 | LAMP (5.5V .125A) |
| C1 | | CK73FB1H103K | CHIP C 0.010UF K |
| C2 | | CK73FB1H472K | CHIP C 4700PF K |
| C3 ,4 | | CK73FB1H103K | CHIP C 0.010UF K |
| C5 | | CK73EB1E104K | CHIP C 0.10UF K |
| 333 2E | * | E29-1432-04 | CONDUCTIVE RUBBER |
| 334 1E | * | E29-1433-03 | CONDUCTIVE RUBBER |
| 335 1E | * | E29-1434-03 | CONDUCTIVE RUBBER |
| CN1 | * | E59-0813-05 | RECTANGULAR PLUG |
| R1 -4 | | RK73EB2B331J | CHIP R 330 J 1/8W |
| R5 ,6 | | RK73EB2B471J | CHIP R 470 J 1/8W |
| R7 ,8 | | RK73FB2A473J | CHIP R 47K J 1/10W |
| R9 | | RK73FB2A273J | CHIP R 27K J 1/10W |
| R10 | | RK73FB2A823J | CHIP R 82K J 1/10W |
| R11 -16 | | RK73FB2A102J | CHIP R 1.0K J 1/10W |
| R17 | | RK73FB2A913J | CHIP R 91K J 1/10W |
| R18 -24 | | RK73FB2A222J | CHIP R 2.2K J 1/10W |

### SYNTHESIZER UNIT (X14-5212-XX)

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| D17 -23 | | MA8056-M | ZENER DIODE |
| D24 -26 | | 1SS184 | DIODE |
| D27 -29 | | 1SS181 | DIODE |
| D30 | | DA204K | DIODE |
| IC1 | | MSM6606GS-VK | IC |
| IC2 | | MSM6544GS | ANALOG IC |

### CASSETTE MECHANISM ASS'Y (D40-1054-05)

| | | | |
|---|---|---|---|
| 1 | 2A | A10-2345-08 | CHASSIS ASSY |
| 2 | 3B | J21-7524-08 | MOUNTING HARDWARE (P.B. HEAD) |
| 3 | 3B | D14-0630-08 | SPRING ROLLER |
| 4 | 3B | G01-2613-08 | TORSION SPRING (PINCH ROLLER) |
| 5 | 3B | D10-2907-08 | SLIDER |
| 6 | 3B | D13-1102-08 | GEAR |
| 7 | 3B | J90-0741-08 | TAPE GUIDE |
| 8 | 2B | J19-4554-08 | HEAD HOLDER |
| 9 | 2B | J11-0604-08 | CLAMPER |
| 11 | 3B | D10-2908-08 | SHIFT PLATE |
| 12 | 3B | G01-2695-08 | H.G SPRING |
| 13 | 3B | J90-0742-08 | WASHER |
| 15 | 2B | E39-0059-08 | WIRING HARNESS |
| 16 | 2B | D10-2752-08 | PINCH ROLLER ASSY (F) |
| 17 | 2A | D10-2753-08 | PINCH ROLLER ASSY (R) |
| 19 | 2B | J21-7528-08 | MOUNTING HARDWARE |
| 20 | 1B | D10-2909-08 | SLIDER |
| 22 | 3A | D03-0308-08 | REEL DISK |
| 23 | 3A | D13-1103-08 | GEAR |
| 24 | 3A | D13-1104-08 | GEAR |
| 25 | 3A | D13-1105-08 | GEAR |
| 26 | 3A | D13-1106-08 | GEAR |
| 27 | 3A | D13-1107-08 | GEAR (REV) |
| 28 | 3A | D10-2755-08 | ARM |
| 29 | 3A | A11-0889-08 | SUB CHASSIS ASSY |
| 30 | 3A | G01-2618-08 | COMPRESSION SPRING |
| 31 | 3A | D13-1111-08 | GEAR |
| 32 | 3A | D10-2756-08 | ARM |
| 33 | 3A | D10-2757-08 | ARM |
| 34 | 3A | G01-2614-08 | TORSION SPRING |
| 36 | 3A | D03-0307-08 | REEL DISK ASSY |
| 41 | 2A | E60-0801-08 | CONNECTOR |
| 43 | 1B | D10-2758-08 | ARM |
| 44 | 1A | D10-1346-08 | SLIDER |
| 45 | 1B | G01-1574-08 | TENSION SPRING |
| 46 | 1A | G11-1550-08 | CUSHION |
| 47 | 1A | G01-2696-08 | TORSION SPRING |
| 48 | 1A | J19-4451-08 | HOLDER |
| 49 | 1A | D10-2759-08 | ARM |
| 50 | 1A | D10-2768-08 | SLIDER |
| 51 | 1B | G02-1153-08 | FLAT SPRING |
| 52 | 1A | G09-0051-08 | SPRING |
| 56 | 2A | D14-0631-08 | ROLLER |
| 57 | 2A | D14-0632-08 | ROLLER |
| 58 | 2A | D10-2747-08 | LEVER |
| 59 | 2A | G01-2620-08 | TENSION SPRING |
| 60 | 2A | G01-2621-08 | TENSION SPRING |

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# PARTS LIST

× New Parts
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Teile ohne **Parts No.** werden nicht geliefert.

CASSETTE MECHANISM ASS'Y (D40-1054-05)

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| 61 2A | * | D10-2912-08 | LEVER |
| 64 2B | | D10-2769-08 | SLIDER |
| 65 2B | | G09-2006-08 | SPRING |
| 66 2B | | G09-2007-08 | SPRING |
| 70 3A | | D10-2754-08 | ARM |
| 71 2A | | D13-1109-08 | GEAR |
| 72 3A | | G01-2616-08 | TORSION SPRING |
| 74 3B | | D01-0605-08 | FLYWHEEL ASSY |
| 75 3B | | D16-0606-08 | BELT |
| 77 2A | | G01-2619-08 | COMPRESSION SPRING |
| 78 2B | | D13-1110-08 | GEAR |
| 79 2B | | D15-0909-08 | PULLEY |
| 80 2A | | G01-2617-08 | TORSION SPRING |
| 81 2B | | D10-2760-08 | ARM |
| 82 2B | | N09-4055-08 | SCREW |
| 83 2A | | D10-2761-08 | ARM |
| 84 2B | | D10-2762-08 | ARM |
| 85 1A | | G01-2622-08 | TENSION SPRING |
| 86 3B | | D10-2749-08 | LEVER |
| 87 3A | | N09-4056-08 | SCREW |
| 88 2A | | D10-2763-08 | ARM |
| 89 2B | | G01-2623-08 | TENSION SPRING |
| 90 2B | | N19-2038-08 | FLAT WASHER |
| 91 1B | | G01-2697-08 | TENSION SPRING |
| 92 1B | * | D10-2913-08 | LEVER |
| 93 1B | * | D10-2914-08 | LEVER |
| 94 2B | | D10-2764-08 | ARM |
| 95 2B | | G01-2625-08 | TENSION SPRING |
| 96 1B | | D10-2765-08 | ARM |
| 97 1B | | G01-2626-08 | TENSION SPRING |
| 98 3B | | N19-2035-08 | FLAT WASHER |
| 99 1B | | D10-2766-08 | ARM |
| 100 1B | | T94-0406-08 | SOLENOID COIL |
| 101 1B | | T94-0407-08 | SOLENOID |
| 102 1B | | G01-2698-08 | TENSION SPRING |
| 103 2B | | D19-0604-08 | PIN |
| 104 2B | | G01-2627-08 | TENSION SPRING |
| 150 2B | | N09-4009-05 | SCREW |
| 151 3B | | N09-4009-05 | SCREW |
| 153 3B | | N19-2036-08 | FLAT WASHER |
| 154 2A | | N19-2037-08 | FLAT WASHER |
| 155 1A | | N84-2003-45 | SCREW |
| 156 1A | | N24-3015-60 | E TYPE RETAINING RING |
| 157 1B | | N09-4059-08 | SCREW |
| 158 2B | | N19-2043-08 | FLAT WASHER |
| 159 2A | | N19-2039-08 | FLAT WASHER |
| 160 2B | | N24-3020-60 | E TYPE RETAINING RING |
| 161 2A | | N09-4058-08 | SCREW |
| 162 3B | | N19-2050-08 | FLAT WASHER |
| 163 2A | | N19-2041-08 | FLAT WASHER |
| 164 2A | | N19-2042-08 | FLAT WASHER |
| 165 3A | | N09-4092-08 | SCREW |
| 166 2B | | N09-4060-08 | SCREW |
| 167 3B | | N09-4109-08 | SCREW |
| 168 3B | | N09-4110-08 | SCREW |

| Ref No. 参照番号 | New 新 | Parts No. 部品番号 | Description 部品名／規格 |
|---|---|---|---|
| HD1 2B | | T31-0214-08 | PLAYBACK HEAD |
| M1 2A | | T42-0734-08 | MOTOR ASSY |
| S1 2A | | S62-0813-08 | SLIDE SWITCH |
| S2 2A | | S68-0803-08 | PUSH SWITCH |
| S3 2B | | S62-0812-08 | SLIDE SWITCH |

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# KRC-555R/RL

## SPECIFICATIONS

### FM tuner section

Frequency range ..... 87.5MHz~108.0MHz
Usable sensitivity (DIN) ..... 0.9μV/75Ω
Stereo sensitivity (S/N=46dB) ..... 1.6μV/75Ω
Frequency response (±3dB) ..... 30Hz~15kHz
Signal to Noise ratio ..... 68dB
Selectivity (DIN) ..... 70dB
Stereo separation (1kHz) ..... 35dB
19kHz carrier leakage ..... 65dB

### MW tuner section

Frequency range ..... 531kHz~1611kHz
Usable sensitivity ..... 30μV

### LW tuner section (KRC-555RL only)

Frequency range ..... 153kHz~281kHz
Usable sensitivity ..... 60μV

### Cassette deck section

Tape speed ..... 4.76cm/sec.
Wow & Flutter (WRMS) ..... 0.12%
Fast winding time (C-60) ..... 100sec.
Frequency response (+4dB, –6dB)
..... 30Hz~16kHz (120μs)
..... 30Hz~18kHz (70μs)
Stereo separation (1kHz) ..... 40dB
Signal to Noise ratio
Dolby B NR OFF ..... 54dB
Dolby B NR ON ..... 63dB

### Audio section

Maximum output power ..... 25W x 4
Output power
10% THD, 1kHz, 4Ω ..... 20W x 4
1% THD, 1kHz, 4Ω ..... 15W x 4
Tone action
Bass ..... 100Hz±10dB
Treble ..... 10kHz±10dB
Preout level/Impedance ..... 1500mV (Max.)/180Ω

### General

Operating voltage ..... 14.4V (11~16V allowable)
Current consumption ..... 7.5A at Rated power
Dimensions (W x H x D) ..... 188 x 58 x 176 mm
Installation size (W x H x D) ..... 182 x 53 x 154 mm
Weight ..... 1.8kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice. DOLBY and the double-D symbol are tradmarks of Dolby Laboratories Licensing Corporation.Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

**Note :**
Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.


KENWOOD CORPORATION
Alive Mitake, 2-5, 1-chome Shibuya, Shibuya-ku, Tokyo 150, Japan
KENWOOD SERVICE CORPORATION
P.O. BOX 22745, 2201 East Dominguez St., Long Beach, CA 90810-5745, U.S.A.
KENWOOD ELECTRONICS CANADA INC.
6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8
KENWOOD ELECTRONICS LATIN AMERICA S.A.
P.O. BOX 55-2791, Piso 6 Plaza Chase, Cl. 47 y Aquilino de la Guardia, Panama, Republic de Panama
TRIO-KENWOOD U.K. LIMITED
KENWOOD House, Dwight Road, Watford, Herts., WD1 8EB United Kingdom
KENWOOD ELECTRONICS BENELUX N.V.
Mechelsesteenweg 418 B-1930 Zaventem, Belgium
KENWOOD ELECTRONICS DEUTSCHLAND GMBH
Rembrücker-Str. 15, 63150 Heusenstamm, Germany
TRIO-KENWOOD FRANCE S.A.
13 Boulevard Ney, 75018 Paris, France
KENWOOD ELECTRONICS ITALIA S.p.A.
Via G. Sirtori, 7/9 20129 Milano, Italy
KENWOOD ESPAÑA S.A.
Bolivia, 239-08020 Barcelona, Spain
KENWOOD ELECTRONICS AUSTRALIA PTY. LTD. (A.C.N. 001 499 074)
P.O. BOX 504, 8 Figtree! Drive, Australia Centre, Homebush, N.S.W. 2140, Australia
KENWOOD & LEE ELECTRONICS, LTD.
Unit 3712-3724, Level 37 Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong N.T. Hong Kong
KENWOOD ELECTRONICS SINGAPORE PTE LTD.
No. 1 Genting Lane #07-00, KENWOOD Building, Singapore, 1334